



NASA

FY 2018

SMALL BUSINESS INDUSTRY AWARDS

Office of
Small Business Programs (OSBP)
where small business makes a **big** difference





WHERE
**SMALL
BUSINESS**
MAKES A
BIG
DIFFERENCE

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VISION STATEMENT

The vision of the Office of Small Business Programs (OSBP) at NASA Headquarters is to promote and integrate all small businesses into the competitive base of contractors that pioneers the future in space exploration, scientific discovery, and aeronautics research.

MISSION STATEMENT

Our mission in the Office of Small Business Programs is to:

- ensure that the Agency is compliant with all Federal laws, regulations, and policies regarding small and disadvantaged business utilization; and
- provide expertise on the utilization of all categories of innovative small business, including minority educational institutions that can deliver technical solutions in support of NASA.

CORE FUNCTIONS

- **Advocacy:** Advise the Administrator on all matters related to small business.
- **Promote Small Business:** Develop and manage NASA programs that assist all small business categories and communities.
- **Small Business Focused Government Contracting:** Develop small businesses in high-tech areas that include technology transfer and commercialization of technology and maximize the number of practicable opportunities for small business participation in NASA prime contracts and subcontracts.
- **Entrepreneurial Development:** OSBP and NASA Centers provide individual face-to-face and Internet counseling for small businesses throughout the United States and in U.S. territories.

Message from the Office of Small Business Programs Associate Administrator



NASA OFFICE OF SMALL BUSINESS PROGRAMS ADDRESSES INDUSTRY SUCCESS

Congratulations are in order for the FY 2018 National Aeronautics and Space Administration (NASA) Small Business Industry Awards (SBIA) winners. This awards program was established to highlight the unwavering work that specific Small Business Prime Contractors, Small Business Subcontractors, Large Business Prime Contractors, and participants in the Agency's Mentor-Protégé Program have achieved at the Center and Agency levels. Enclosed you will find the honorees of the NASA SBIA from FY 2008 through the present fiscal year.

The NASA small business program holds true to its slogan, "Where Small Business Makes a Big Difference." Annually, the Office of Small Business Programs participates in and hosts a number of outreach events around the country, including Regional Outreach and the NASA Historically Black Colleges and Universities (HBCU) and Minority-Serving Institutions (MSI) Technology Infusion Road Tour. Both our large and small business partners have shown continuous support for these efforts and are vital in making each one a success. By participating in matchmaking, working a booth, or just attending, businesses have helped to develop new relationships that led to successful Mentor-Protégé agreements, subcontracting partnerships, and prime contracting opportunities for small and disadvantaged businesses and schools around the country.

Nationwide, NASA's small business partners are helping to build the systems necessary for powering humankind into deep space—creating new engineering and high-tech jobs in all 50 states and in every type of community. The dynamic partnerships, infrastructure, and capabilities NASA is growing with small businesses today will enable future generations to continue shaping our next frontier. The catalyst technologies that they provide will enable critical capabilities for humans to successfully operate on the lunar surface and beyond.

The businesses that make up this publication are only a small percentage of the numerous firms that enable NASA to achieve success with today's complex missions. For that, I always continue to find myself humbled and thankful for the hard work done by these companies. I also want to thank these companies for exceeding expectations by making NASA's small business program a big success every year. In addition, I would like to thank all of the small businesses that support NASA by acting as our generator that allows us to operate on a daily basis in various capacities. I would be remiss if I did not also thank the Agency's senior leadership for their continuous program support, the Center small business specialists, procurement officers, technical advisors, and other personnel that make small businesses shine.

Again, congratulations to this year's honorees as this is a huge milestone for your company, and thank you for your continued support for the NASA small business program.

A handwritten signature in black ink, reading "Glenn A. Delgado". The signature is fluid and cursive.

Glenn A. Delgado

Associate Administrator

NASA Office of Small Business Programs

ABOUT THE NASA SMALL BUSINESS INDUSTRY AWARDS (SBIA) PROGRAM

The Small Business Industry Awards (SBIA) recognize the outstanding Small Business Prime Contractor, Small Business Subcontractor, Large Business Prime Contractor, and Mentor-Protégé Agreement that support NASA in achieving its mission. For additional information, contact the Small Business Specialist at the NASA Center that you support.

Small Business Industry Awards (SBIA) will be given in four categories: (1) Small Business Prime Contractor of the Year, (2) Small Business Subcontractor of the Year, (3) Large Business Prime Contractor of the Year, and (4) Mentor-Protégé Agreement of the Year. Selection criteria in each of these categories are listed below. *Disclaimer: All significant NASA Small Business Industry Awards nomination activity should occur during the review period.*

Small Business Prime Contractor of the Year

CRITERIA

1. Performs well on every NASA contract at nominating Center during nominations cycle review period (e.g., is on schedule and within cost). Include a description of the scope of the contract.
 - A. Discuss nominee's most recent NASA contract awards.
 - B. Discuss the nominee's most recent overall Contractor Performance Assessment Reporting System (CPARS) rating.
 - C. If the Contracting Officer Representative (COR) has concurred on this nomination, please state so in nomination summary.
 - D. Discuss nominee's active participation in Center Small Business Council, if applicable.
2. Exhibits responsiveness to contractual requirements, works cooperatively with contracting officials and program personnel, limits subcontracting to large businesses.
3. Provides innovative solutions to problems/issues that arise in the contract.

Small Business Subcontractor of the Year

CRITERIA

1. Performs well as subcontractor on NASA contracts at nominating Center during nomination cycle review period. Include scope for both the prime contract and subcontract.
 - A. Discuss nominee's participation in NASA-related outreach events.
 - B. Discuss nominee's active participation in Center Small Business Council, if applicable.
2. Provides value-added and outstanding support on schedule and within cost to the prime contractor and innovative solutions to problems/issues that arise in the execution of the contract.
3. Works cooperatively with NASA and prime contractor personnel.

Large Business Prime Contractor of the Year

CRITERIA

1. Performs well on all NASA contracts at nominating Center during review period. Include a description of the scope of the contract.
 - A. Discuss the nominee's most recent overall CPARS rating.
 - B. Discuss nominee's most recent NASA contract awards.
 - C. Discuss nominee's participation in NASA-related outreach events.
 - D. If the Contracting Officer Representative (COR) has concurred on this nomination, please state so in nomination summary.
 - E. Overall program demonstrates sound small business practices; sponsors/participates in outreach activities and uses small business contractors to perform technical (high-tech) requirements of the contract during contract execution.
2. Compliance with all subcontracting plans at nominating Center.
3. Discuss timeliness of required ISR and SRS submissions.

ABOUT THE NASA SMALL BUSINESS INDUSTRY AWARDS (SBIA) PROGRAM

(continued)

Mentor-Protégé Agreement of the Year

FACTOR A: PROTÉGÉ GROWTH

1. Employee growth evidenced.
2. Protégé prime contract growth evidenced.
3. Protégé subcontract growth evidenced.

FACTOR B: PROTÉGÉ DEVELOPMENT

1. Completion of technical/business infrastructure tasks.
2. Achievement of technical certifications (i.e., ISO, CMMI, etc.).
3. Business infrastructure enhancements validated.
4. Utilization of technology training outside of the Mentor-Protégé Agreement.

FACTOR C: VALUE OF TECHNICAL AND BUSINESS DEVELOPMENT SUPPORTING NASA'S MISSION

1. Value-added support (new technology) evidenced.
2. Value-added support (business infrastructure) evidenced. (Credit agreements only.)
3. Interoperability with other Federal or commercial programs.
4. Knowledge transfer contributions to long-term sustainable support.
5. In-house efficiencies realized from developmental assistance provided.

FACTOR D: PROGRAM MANAGEMENT

1. Demonstrated management commitment.
2. Met milestone schedules.
3. Performed within costs (i.e., no overruns). (Reimbursable agreements only.)
4. New business teaming/subcontract relationships evidenced.
5. Submitted timely and accurate reports.

FACTOR E: UTILIZATION OF HBCU/MSI AND SBDC

1. Commitment evidenced.
2. Value-added services provided.
3. Level of support is primary to completing milestones.



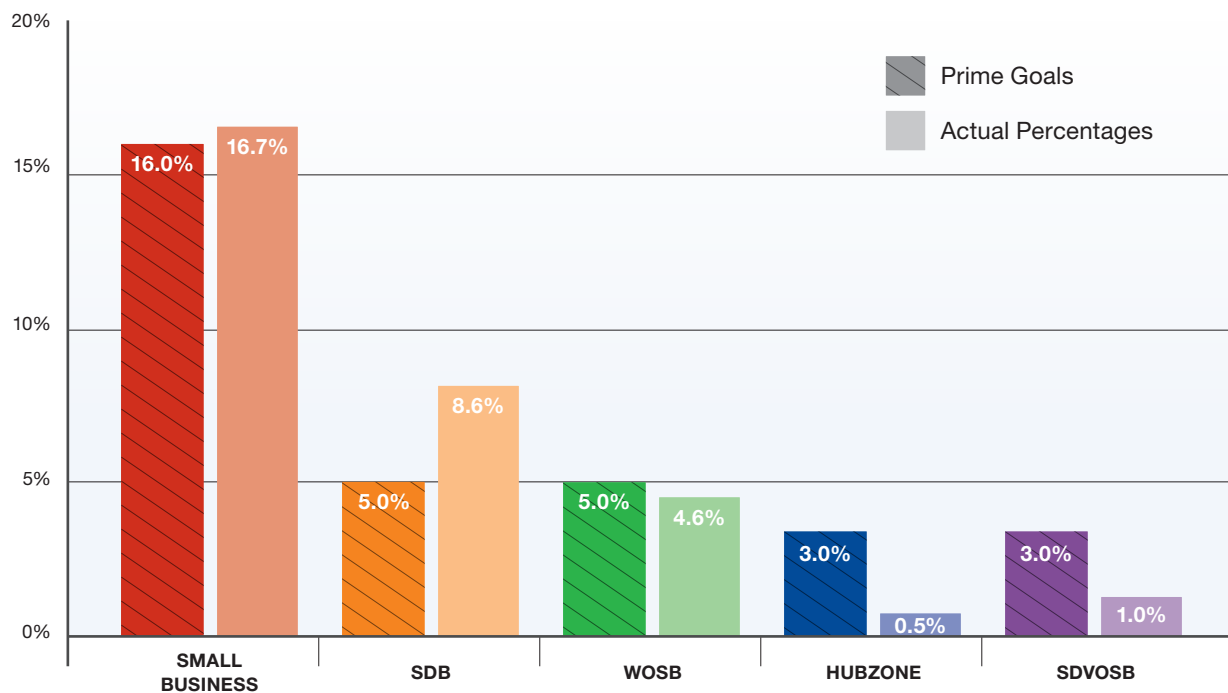
Small Business Success at NASA

Fiscal Year 2018 Agency Metrics

NASA AGENCY FY 2018 PRIME GOALS VS. ACTUAL PERCENTAGES

Data generated March 15, 2019, from the Federal Procurement Data System–Next Generation (FPDS-NG).

CATEGORY	DOLLARS
Total Dollars	\$17,044,563,854
Small Business	\$2,840,872,957
Small Disadvantaged Businesses (SDB)	\$1,462,639,299
Women-Owned Small Businesses (WOSB)	\$781,704,390
Historically Underutilized Business Zones (HUBZone)	\$91,171,695
Service-Disabled Veteran–Owned Small Businesses (SDVOSB)	\$174,673,194

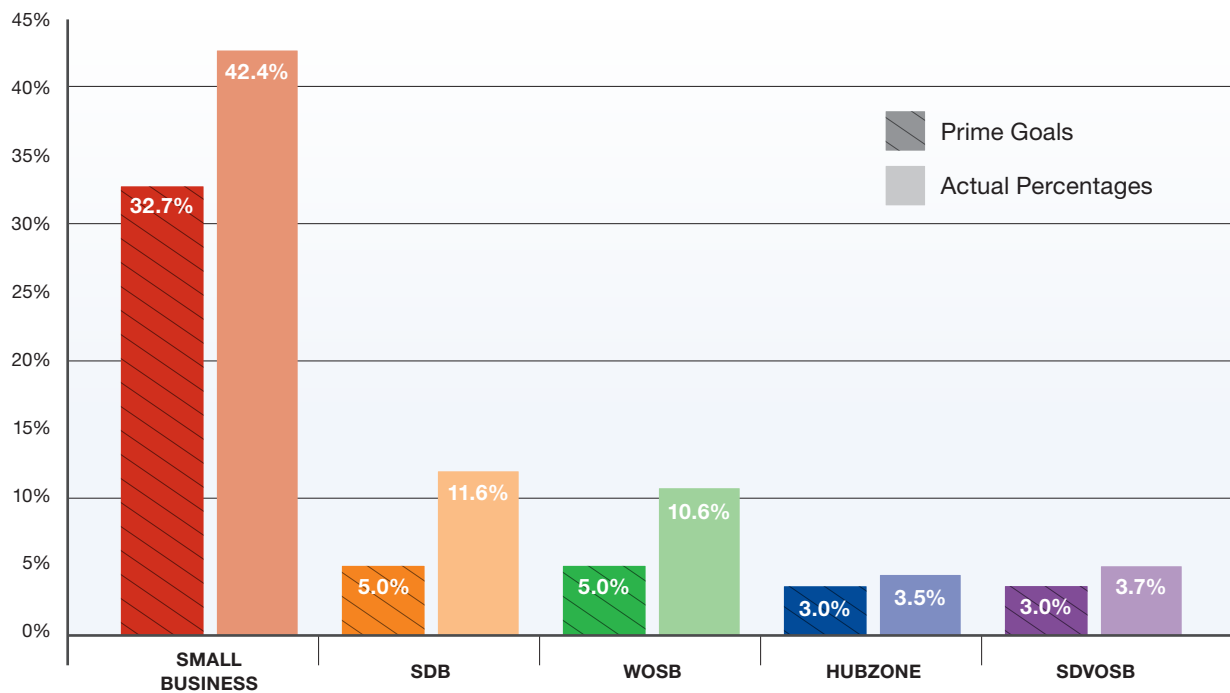


Fiscal Year 2018 Agency Subcontracting Metrics

NASA AGENCY FY 2018 SUBCONTRACTING GOALS VS. ACTUAL PERCENTAGES

Data generated April 12, 2019, from the Electronic Subcontracting Reporting System (eSRS).

CATEGORY	DOLLARS
Total Dollars	\$7,115,430,221
Small Business	\$3,019,098,976
Small Disadvantaged Businesses (SDB)	\$822,891,562
Woman-Owned Small Businesses (WOSB)	\$752,397,632
Historically Underutilized Business Zones (HUBZone)	\$248,918,766
Veteran-Owned Small Businesses (VOSB)	\$432,397,449
Service-Disabled Veteran-Owned Small Businesses (SDVOSB)	\$264,694,281
Historically Black Colleges and Universities/Minority Institutions (HBCU/MI)	\$19,234,350







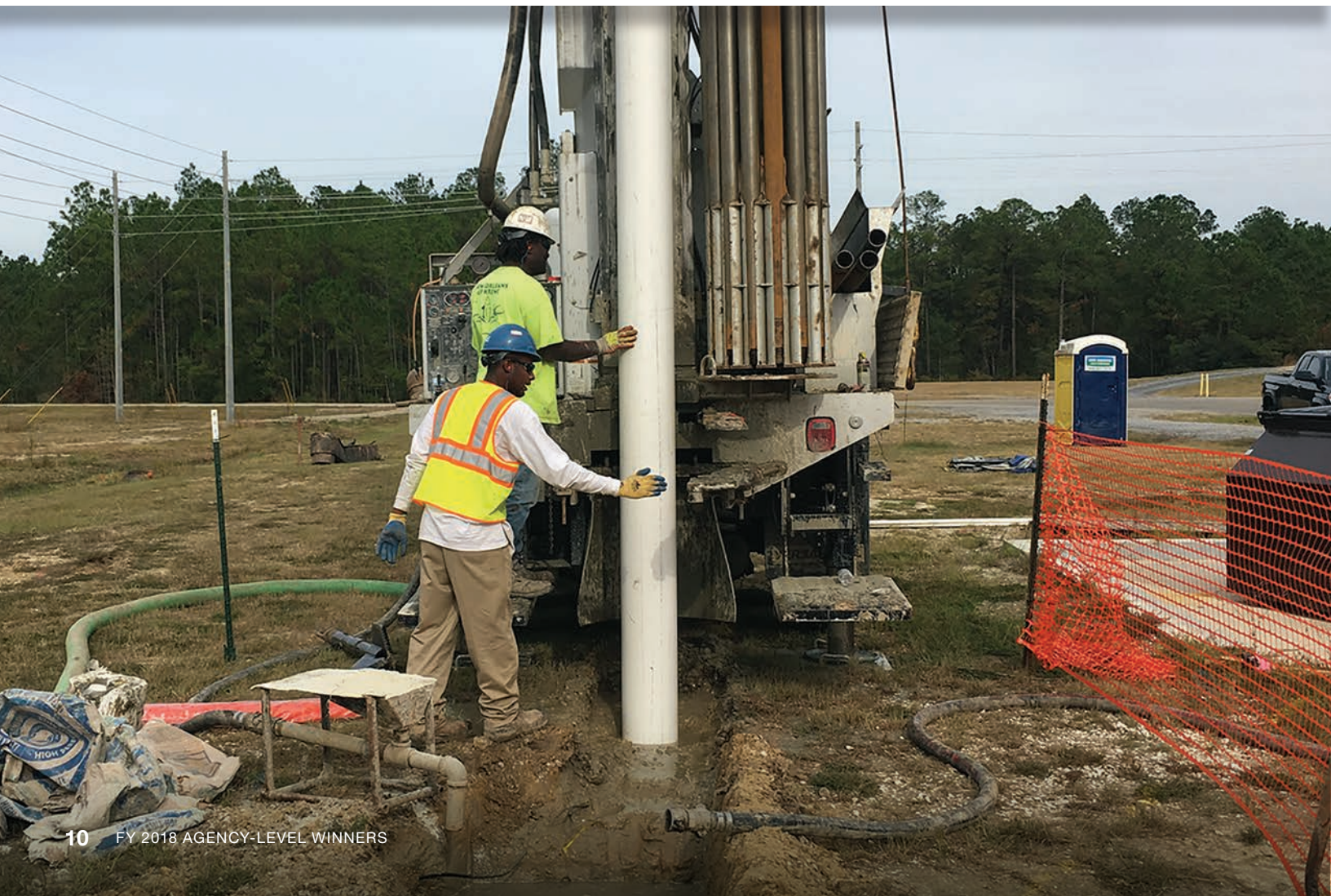
FY 2018 **AGENCY-LEVEL WINNERS**

Small Business Prime Contractor of the Year
Small Business Subcontractor of the Year
Large Business Prime Contractor of the Year
Mentor-Protégé Agreement of the Year

Healtheon, Inc.

Stennis Space Center

SMALL BUSINESS PRIME CONTRACTOR OF THE YEAR





Describe your company.

Celebrating 25 years in business, Healtheon, Inc.'s growth and longevity is a result of our resolute commitment to safely delivering high-quality design/build and construction projects. As an award-winning HUBZone-certified small business, Healtheon strives to be a leading constructor, partnering to deliver services with skill and integrity; seeking continuous improvement and innovation in our performance; reinvesting in our firm to ensure stability; and serving as a responsible corporate citizen in the communities where we work. NASA's confidence in Healtheon is reflected in multiple "Exceptional" ratings and NASA's award of Multiple Award Construction Contract Two (MACC-II) to support repair, DB, and construction services at Stennis, Johnson, and Kennedy Space Centers; White Sands Test Facility, Marshall Space Flight Center, and Michoud Assembly Facility over the next 8 years.

Describe what service or support you provide to NASA.

Healtheon's poised, efficient, and thorough approach to startup and execution of multiple, concurrent design-build and construction projects has been superb in FY 2018, including \$1.6 million electrical repairs to canal lock controls, \$4.5 million B2 Test Stand High Pressure Industrial Water (HPIW) piping replacement, and \$4.1 million design/build duct bank high-voltage component replacement, all being performed under extreme pressures of schedule and funding constraints at Stennis Space Center. Healtheon concurrently performed six other projects including design/build of cathodic protection of mooring dolphins; phase 2 of high-pressure gas piping; Design/Build of Bascule Bridge; Gaseous Nitrogen (GN2) heat and miscellaneous Special Test Equipment (STE); laboratory expansions in buildings 8100 and 8110; and installation of high-pressure gas systems. These structural, mechanical, and electrical upgrades are critical to supporting test operations at Stennis Space Center (SSC).

Describe why your company won this award.

Healtheon brings a level of professionalism and understanding of NASA's way of doing business; their strict safety and Quality Control (QC) requirements, importance of proper scheduling, and customer satisfaction. Our philosophy is to be a true partner with NASA, seeking continuous improvement and innovation. Frequent communication with NASA is key to identifying design/build and construction innovations and value engineering strategies. For SSC's site-wide cathodic protection system, we proposed an impressed current system, which saved \$600,000 and increased service life from 15 years to 20 years. For SSC's bascule bridge electrical control and drive system design/build, we used a floating work platform and manual control system, which kept the bridge in-service for all but a few days instead of a total outage.

Describe your company's support of small business.

As an 8(a) graduate and a certified HUBZone small business, Healtheon is keenly aware of the contribution small business concerns (SBCs) (Small Business (SB)/Small Disadvantaged Business (SDB)/HUB (Historically Underutilized Business) Zone/Women-Owned Business (WOSB)/ Service-Disabled Veteran-Owned Small Business (SDVOSB) make in fulfilling NASA's requirements. Healtheon's procurement process mirrors the Government's best-value procurement process. As SBC advocates, Healtheon first solicits bids and proposals from SBCs, verifying each firm's qualifications through review of references, safety records, etc. Healtheon often develops work packages that allow SBCs to compete on relevant project work to build capacity and experience working at NASA facilities, as evidenced by 70% of work being performed by SBCs to date. Healtheon actively participates in SSC's Small Business Council, attending networking and SSC-related functions, identifying SBCs and local businesses to ensure a trickle-down effect within communities near each NASA facility.

Describe your company's future.

Healtheon continues to grow organically, improving our performance, honing our processes, and retaining highly qualified personnel and affording them rewarding opportunities in a safe environment. We strive for excellence through performance of high-quality design-build and construction work. A quality product built correctly the first time saves money, maintains schedule, and provides a more resilient finished product. Healtheon takes pride in its work and the many successfully completed projects to its credit. We will pursue opportunities that not only fall within our past capabilities but that expand our capabilities to make us a more attractive option for fulfilling NASA's needs. We strive to build mutually successful relationships with multiple NASA facilities, seeking continuous improvement and innovation to support NASA's mission.

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◀ Healtheon redesigned SSC's site-wide cathodic protection system, eliminating 20 deep-ground anode beds and replacing them with 6 deep- and 10 shallow-ground anode beds.

Arcata Associates, Inc.

Armstrong Flight Research Center

SMALL BUSINESS SUBCONTRACTOR OF THE YEAR



**Describe your company.**

Arcata is an aerospace/defense company providing mission critical solutions in support of NASA, Department of Defense (DOD), and other Federal agencies. The Nevada-based company has over 500 employees located in 7 states and Washington, DC. Arcata's 30-year legacy with the Agency started in 1989 with a 5-year prime contract to provide installation support services at the Vandenberg Launch Site in support of Kennedy Space Center (KSC). Due to the expertise, dedication, and commitment of its highly skilled workforce, Arcata has twice been named NASA's Small Business Prime Contractor of the Year and once as NASA's Small Business Subcontractor of the Year. Arcata would like to thank InuTeq and Armstrong Flight Research Center (AFRC) for nominating the company for this prestigious award.

Describe what service or support you provide to NASA.

Arcata proudly supports NASA's five Mission Directorates: Aeronautics, Human Exploration and Operations, Science, Space Technology, and Mission Support. At AFRC, Arcata plays a critical role in aeronautics Research & Development (R&D) executed on the Dryden Aeronautical Test Range as well as communication and tracking support of space vehicles. At Goddard Space and Flight Center (GSFC) and NASA Headquarters (HQ), Arcata provides program support services for scientific missions exploring the universe. For JSC and KSC, Arcata supports the Design Development Test and Evaluation (DDT&E) of the Multi-Purpose Crew Vehicle, Orion, to transport humans beyond low Earth orbit and eventually to Mars. For the Payload Operations and Integration Center at Marshall Space and Flight Center (MSFC), Arcata ensures that data from scientific experiments being performed on the International Space Station (ISS) is being provided to Principle Investigators (PI)'s around the world.

Describe why your company won this award.

Arcata's culture of continuous improvement empowers its employees to identify out of the box solutions to challenging problems, enhancing performance, and reducing costs for our customers. When the Air Force requested that AFRC support overnight missions that exceeded the personnel hours available on the RF&ESS contract, Arcata arranged for personnel on its DOD contract at China Lake (70 miles away) to be cross-trained and provide surge radar support at the Aeronautical Tracking Facility. Arcata personnel recognized that buildings along the Edwards flight-line were impeding the ability for projects to collect telemetry data while aircraft were on the ramp or taxiing. Arcata engineers designed and developed a Remote Telemetry

Acquisition System using excess equipment to provide this capability for AFRC customers.

Describe your company's support of small business.

As a NASA prime and subcontractor, Arcata has actively supported the events and programs sponsored by NASA's Office of Small Business Programs. Through Arcata's efforts, the University of Nevada, Las Vegas (UNLV) and the University of Hawaii have subcontracts with NASA prime contractors. UNLV became the first Minority Serving Institution (MSI) to sign a NASA Mentor-Protégé Agreement, which led to UNLV and Teledyne Brown Engineering receiving NASA's Mentor-Protégé Agreement of the Year. In an effort to expand the portfolio of Nevada small businesses and Historically Black Colleges and Universities (HBCU) doing business with NASA, Arcata assisted NASA OSBP in organizing and coordinating events at the College of Southern Nevada, Las Vegas Metropolitan Chamber of Commerce, and UNLV.

Describe your company's future.

NASA's Vision, "We reach for new heights and reveal the unknown for the benefit of humankind" inspires us as a company and fuels our desire to continue to be part of the NASA team to ensure America maintains its leadership in space, flight, and scientific discovery. At AFRC, we are planning to upgrade systems and infrastructure to be able test Lockheed's X-59, a supersonic aircraft designed to reduce a sonic boom to a gentle thump. We are participating in NASA's Network Support Group (NSG) to ensure AFRC communication systems are operational when Boeing's CST-100 transports crew and supplies to and from the International Space Station. Arcata celebrates its 40th Anniversary in 2019, and it is our desire to continue working for NASA into the future.

Tim Wong, President and CEO

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 <https://www.facebook.com/ArcataAssociates>

a.i. solutions, Inc.

Kennedy Space Center

LARGE BUSINESS PRIME CONTRACTOR OF THE YEAR





Describe your company.

Headquartered in Lanham, Maryland, a.i. solutions, Inc. is a large business provider of mission critical products and services that enable uninterrupted and reliable access to space. Since 1996, our team has supported the Nation's space and defense agencies by providing launch vehicle and missile systems engineering, space mission design and operations, flight dynamics ground system development, and cybersecurity. a.i. solutions also develops FreeFlyer, a commercial off-the-shelf (COTS) software application for use in spacecraft mission analysis, design, and operations. Using our experience supporting robotic and crewed missions and programs, we provide results and cost savings for our customers including NASA, the National Oceanic and Atmospheric Administration (NOAA), the Missile Defense Agency, the U.S. Army, and the U.S. Air Force.

Describe what service or support you provide to NASA.

At a.i. solutions, we take advantage of our broad capabilities to provide value-added services to NASA while developing innovative, customized tools to solve the unique challenges facing our industry. We support NASA Kennedy Space Center (KSC) with analyses and verification capabilities for launch vehicles and mission payloads, including testing, integration, and spacecraft customer services. At NASA Goddard Space Flight Center (GSFC) we provide mission design, systems engineering, and spacecraft operations. At NASA Johnson Space Center (JSC) we support the development of the flight dynamics ground system supporting future human exploration missions, and at NASA Headquarters (HQ) we provide emergency management and continuity of operations services.

Describe why your company won this award.

Our employees are dedicated to establishing and maintaining team-oriented working relationships and focused on exceeding customer expectations. This dedication allows us to maintain an impeccable reputation within our industry along with our excellent past performance. We develop innovative solutions that increase automation, reduce cost, and minimize implementation risk. One example of a recent innovative solution involved designing and implementing a new method to perform a detailed Monte Carlo relative motion analysis that evaluated the effects of multiple dispersion sources. This new technique produced an associated confidence level greater than 99.99% that the collision risk associated with Delta II launch vehicle injection and release of the Ice, Cloud, and Land Evaluation Satellite (ICESat-2) would be 1×10^{-4} or less.

Describe your company's support of small business.

a.i. recognizes the importance and value of small businesses. In 2018, we exceeded every goal outlined in our Small Business Subcontracting plan, demonstrating a strong commitment to providing an equitable opportunity to small businesses. For example, we exceeded our 2018 Small Disadvantaged Business (SDB) goal by 18.5%. We also provided active participation in several outreach initiatives including the KSC Business Opportunities Expo, Small Business Week, KSC Industry Day, and the NASA Industry Forum. Also, in 2018, a.i. solutions entered into a formal Mentor-Protégé relationship with Red Canyon Software, Inc. to offer them assistance in maturing and strengthening to be better postured to successfully pursue prime contracts with NASA and other Federal agencies.

Describe your company's future.

Our outstanding achievements as a large business have laid the foundation for a.i. solutions to make significant contributions to our Nation's space and defense endeavors for years to come. Many of our employees are recognized in their respective areas of expertise, with various publication topics ranging from space debris collision risk analysis, to Expendable Launch Vehicle adaptive autopilot design, to predicting solar weather. We continuously strive to improve on our product and service offerings. We have recently delivered customizable space products like Meridian, Atlas, and Observation Simulator (ObsSIM) by leveraging our FreeFlyer product engine. We pro-actively pursued and received ISO 9001:2015 / AS9100 Rev D, Capability Maturity Model Integration for Develop Maturity Level 3 (CMMI-Dev ML3), establishing effective, repeatable processes that enable us to consistently meet schedule and cost targets.

Bob Sperling, Jr., CEO and President
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◀ Launch team providing day of launch support in the Mission Directors' Center (MDC) at Cape Canaveral, Florida.

SGT, LLC, a Business Unit of KBRwyle (Mentor)

Ames Research Center

MENTOR-PROTÉGÉ AGREEMENT OF THE YEAR





STINGER GHAFFARIAN TECHNOLOGIES

Describe your company.

SGT, LLC is a business unit of KBRwyle, a global Government services leader. KBRwyle delivers mission critical, full life cycle solutions for the defense, space, and technology markets. Our solutions help ensure mission success, improve operational capability, and drive innovation. We are known for our work on complex and large-scale projects and for working in extreme environments ranging from the most remote places on Earth to the far reaches of space. From 60 U.S. and 40 international locations, KBRwyle delivers unparalleled engineering, operations, logistics, scientific, information technology, and cybersecurity expertise.

Describe what service or support you provide to NASA.

We provide long-term engineering, technical, and scientific solutions to NASA dating back to Project Gemini. We operate at 11 NASA Centers and facilities serving all four mission directorates. Our expertise includes human and robotic space flight, planetary and life science, satellite integration and mission operations, and ground systems and communications. We support Ames Research Center (ARC) through multiple contracts. Our work includes support of the Intelligent Systems Division on scientific research, technologies, and applications development and the infusion of advanced information systems technology for NASA missions and other Federal Government projects. We also provide program and project management support for bioscience flight development projects on the International Space Station and collaborative science programs.

Describe why your company won this award.

We mentor small and diverse firms to maximize their expertise in our support of NASA's mission. In June 2016, SGT and MORI Associates were awarded a 2-year Mentor-Protégé Agreement (MPA) with ARC. During that time, we provided MORI support, training, and guidance. The MPA was recognized for its commitment and success including training and mentoring from our executive team on business growth strategies, business development, quality assurance certification, security clearance requirements, and technology transfer. In 2017 we received ARC Center Level MPA of the Year Award. MORI's engineer received significant contributions to the Advanced Air Transport Technologies (AATT) program. MORI's staff consistently delivers high-quality research and technical leadership. We continue our partnership to pursue future opportunities.

Describe your company's support of small business.

Our Small Business Office and Executive Team are committed to fostering the development and the success of our small businesses

partners. We prioritize helping them through active participation in Mentor-Protégé Programs. We currently have MPA's in place with NASA and SBA. We're an active member of Ames Contractor Council. Our Small Business Liaison Officer (SBLO) presented at a Council meeting to share and discuss the benefits of participating in the Mentor-Protégé Program. Our SBLO also participates in panel discussions at SB outreach events to provide guidance and insight on doing business with Federal prime contractors. We actively support NASA's SB outreach events, including NASA's Historically Black Colleges and Universities/Minority Institutions (HBCU/MI) Technology Road Tours to identify and establish teaming partnerships for potential contracting.

Describe your company's future.

SGT was acquired by KBR in 2018. As a result, we have a bright future that will allow for our customer to benefit from strong corporate reach back and technological solutions. KBRwyle is the rare example of successfully executed acquisitions. We bring proven expertise and uniquely connected, expanded capabilities for unlimited capacity to solve challenges. Our mission is simple: Develop and execute superior value solutions that ensure our customers' success. This starts with our people. We will deliver the best in the industry and create the most compelling and agile teams. We will leverage diversity and embrace the unique expertise it affords. We will align with our customers' strategic priorities and remain product-independent to ensure the best solution, bar none. In this capacity, and through our long-term partnership with NASA, we will help the Agency forge the future of scientific knowledge, advance space flight and exploration, and improve our understanding of Earth.

Byron Bright, President, KBR Government Services U.S.

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MORI Associates, Inc.

(Protégé)

Ames Research Center

MENTOR-PROTÉGÉ AGREEMENT OF THE YEAR



**Describe your company.**

MORI Associates (MORI) is a premier provider of information technology and engineering services. MORI is a CMMI Level II and ISO 9001:2015 certified, Women-Owned Small Business. The company was started by Shanaz Amirjafari in 1997 as an IT and engineering company. We are experienced in developing strategies and managing enterprise scale information technology, engineering, and multimedia programs that are at the core of our clients' missions. MORI leads multidisciplinary programs, spanning diverse customers' organizations, with different core objectives requiring a diverse set of talent. At MORI, we strive to be our customers' external service provider of choice, always delivering IT, engineering, and multimedia-enabled services and products to enhance mission outcomes on time and on budget. "Our mission is enabling your mission."

Describe what service or support you provide to NASA.

MORI provides a wide variety of network engineering, telecommunications, high performance computing, cybersecurity, system administration, software engineering, service desk, configuration, and quality management services to support NASA missions. MORI partnered with NASA Headquarters Office of Small Business Programs (OSBP) to deliver programmatic and analytical support for the Agency's small business initiatives. As the Prime contractor, MORI partners with NASA Johnson Space Center (JSC) Information Resource Directorate and External Relations Office to deliver information technology, program and operations support, multidisciplinary engineering, data center modernization and management, cloud computing, cybersecurity, business agility, applications development, social media, live television, outreach and communications, and multimedia support. MORI contract vehicles require us to provide simultaneous services at five NASA Centers. With offices in three strategic locations, MORI provides Nationwide support of our customers and as an experienced NASA Prime Contractor we provide these services to meet the unique needs of NASA stakeholders.

Describe why your company won this award.

The NASA Mentor-Protégé Program (MPP) has truly been very instrumental for MORI's success in recent years. This agreement is a success story of NASA MPP, in anticipation of the MPP agreement approval MORI and Stinger Ghaffarian Technologies, Inc. (SGT) began working together long before the agreement was approved. MORI believes we won this award because there is a true partnership among NASA,

SGT, and MORI and as a result of collaboration and open communication the MPP has been very successful for all parties. NASA has a capable Small Business (SB) to provide support services to different Centers as a prime. SGT has a reliable, capable SB partner to support their customers and their missions. MORI delivers quality services to industry and prides itself on advancing small business.

Describe your company's support of small business.

As a recently promoted medium-sized business, MORI wants to ensure the support of small businesses. MORI has attended the NASA HBCU/MI road tour and also attends multiple small business seminars. MORI also plans to pursue Mentor-Protégé (MP) Agreements with small businesses to help them grow as we did under our MP with SGT. MORI has and will continue to be an advocate for small businesses.

Describe your company's future.

MORI plans to continue to grow as we make our transition from a small- to medium-sized company successfully. MORI is no longer a small business under certain NAICS codes, however, we plan to leverage our existing capabilities to build other expertise, such as engineering. MORI also plans to diversify and improve our business in the areas that we do not have depth in our past performance by utilizing our skills, accolades and awards, geographies, and partnerships. We hope to achieve industry recognition as a mid-size company for who we are and what we do. Our goals are to continue to help other small businesses as we transition into a medium-sized business. MORI also plans to become a mentor to small businesses in the future to help them grow.

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FY 2018 CENTER-LEVEL WINNERS
SMALL BUSINESS
PRIME CONTRACTORS OF THE YEAR

Analytical Mechanics Associates, Inc. (AMA)

Ames Research Center



The Adaptable Deployable Entry Placement Technology (ADEPT) team calibrates the flight vehicle magnetometer prior to a successful flight test.

Describe your company.

AMA began support for NASA in 1962 during the Apollo program. As John Glenn became the first American to orbit Earth, mathematicians at AMA quietly worked on guidance, navigation, and controls problems. As an example, AMA's Stanley Schmidt collaborated with Rudolf Kalman to develop what is now called the Schmidt-Kalman filter. AMA is a prime contractor at Ames Research Center, Glenn Research Center, and Langley Research Center and a subcontractor at NASA Marshall Space Flight Center, Johnson Space Center, and Stennis Space Center.

Describe what service or support you provide to NASA.

At NASA Ames Research Center, AMA supports solar system exploration through research and development of entry aerothermodynamics and materials analysis tools, thermal protection system materials, and vehicle systems for planetary entry. Over the past year our researchers have worked to advance NASA Ames' flagship software for high velocity computational fluid dynamics and high temperature gas radiation phenomenology. AMA principal investigators support testing in NASA's Arc Jet complex for flight projects and advanced spacecraft planetary atmosphere entry and descent technologies. Prototyping and flight test support for new vehicle concepts are also provided—leading to a successful sounding rocket test for Adaptable, Deployable Entry Placement Technology (ADEPT) concept. AMA provides systems engineering support for ARC facility modernization and requirements traceability for human exploration programs.

Describe why your company won this award.

AMA is the prime for the Entry Systems Technology Research and Development (ESTRAD) contract supporting development of analysis and flight technologies for NASA and industry space flight and planetary exploration vehicles. AMA provided world-class technical

leaders over a broad scope of technologies to support the following mission wqtypes: the Multi-Purpose Crew Vehicle (Orion); Mars 2020; Mars entry, descent, and landing instrumentation; heatshield for extreme entry environment technology; inflatable and deployable aerodynamic decelerator efforts; and science missions Discovery and New Frontiers. AMA prides itself on honest, transparent, and exemplary program management that includes effective recruitment and retention in the competitive Silicon Valley environment.

Describe your company's support of small business.

AMA is an active member of the Ames Contractor Council (ACC), with a focus on supporting science, technology, engineering, and mathematics (STEM) activities of the group, including chairing the Imagination Foundation and support of the annual ACC Golf Tournament, the money from which also benefits the ACC STEM activity. AMA has an active Mentor-Protégé Agreement with an 8(a) Service-Disabled Veteran-Owned Small Business (SDVOSB) company MartinFederal Consulting, LLC., that enables growth of both companies through diversification and strategic planning and management. AMA's CEO participated in NASA Office of Small Business Programs (OSBP) Historically Black Colleges and Universities/Minority Institutions (HBCU/MI) road tours and provides guidance to several institutions regarding improved participation in NASA's mission.

Describe your company's future.

AMA's vision is to be NASA's preferred engineering company in support of research and development across the Agency, expand our customer base with other Federal agencies, and provide product innovation in support of Government and commercial interests. We look for ways to partner more effectively with NASA and other Federal agencies. As an example, we are active participants in the SBIR program, but are also investing our own resources in product development ideas that serve the best interests of the American space program. We see future growth enabled by exceeding management and technical requirements, continued development and sustainment of a world class workforce, and more productive and efficient cost-effective business processes and infrastructure operating in compliance with cybersecurity requirements.

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Arctic Slope Regional Corporation (ASRC) Federal InuTeq

Armstrong Flight Research Center



Cable Administrator Zach Bowen inventories server connections while System Administrators Ricardo Urrutia and Jesse Zamarripa inspect new high performance servers in support of the Armstrong Tier III Data Center.

Describe your company.

ASRC Federal InuTeq is a wholly-owned subsidiary of ASRC Federal Holding Company, headquartered in Beltsville, Maryland. We have a long history of providing information technology and programmatic support to civil and defense agencies. From data center operations, to developing custom software, to scheduling space launch operations, our team always keeps the customers' mission at the forefront. ASRC Federal InuTeq is appraised at Capability Maturity Model Integration (CMMI®) Level 3, which demonstrates our commitment to consistently deliver quality products and services.

Describe what service or support you provide to NASA.

In FY18, ASRC Federal InuTeq furthered Armstrong's mission by implementing innovative solutions that saved the Center's projects time and money. In response to the need for small projects operating on NASA AFRC to have an Authorization to Operate (ATO), ASRC Federal InuTeq's systems engineers crafted a security plan that will serve as a template for low-risk projects that come to AFRC in the future. Use of the template will serve to minimize time spent by projects obtaining an ATO and maximizing their research time. Redundant Array of Independent Filesystems (RAIF) system administrators deployed an open-source solution that minimizes system downtime by actively monitoring the configuration of simulation systems. The application can automatically correct misconfigurations and/or send alerts to administrators, significantly reducing break/fix calls.

Describe why your company won this award.

ASRC Federal InuTeq encourages innovation. An employee identified a zero-cost solution to replace the outdated Remedy ticketing system by employing a suite of tools already owned by AFRC, saving \$60,000. RAIF employees implemented open-source Puppet software,

streamlining system builds. Puppet maintains configuration compliance by sending alerts when misconfigurations are detected. New and innovative ideas have been presented and implemented. The creation of an automated Operating System installation tool that can be used for installation and maintenance has been an outstanding tool for building up highly complex Linux computers for the Sim Labs. This tool, and the procedure implemented by the team, reduces system build-up to hours versus days, and also minimizes human induced errors.

Describe your company's support of small business.

ASRC Federal InuTeq has been an active member of the AFRC Contractor Council since the contract was awarded in November 2014. The Program Manager participates in the biannual NASA Industry Forum (NIF) Meetings, representing the small businesses at NASA Armstrong. The Research Facilities & Engineering Support Services (RF&ESS) ASRC Federal InuTeq procurement department consistently delivers goods and services on time and under budget. From November 1, 2017, through September 30, 2018, the procurement department saved in excess of \$42,000 through competitive sourcing and vendor negotiations and awarded 80% of all purchases to small businesses.

Describe your company's future.

To build an enduring enterprise committed to our people, customers, and our community. The business strategy of the ASRC Federal family of companies is founded on a balance between customer intimacy and operational excellence. From a long-term perspective, our success depends on having strong relationships and business partnerships with our customers. Operational excellence is especially important in the near term since many of our customers are increasingly cost-constrained. Over the long term, operational excellence is critical to ensure we execute our business—at all levels—in the most efficient and effective way possible.

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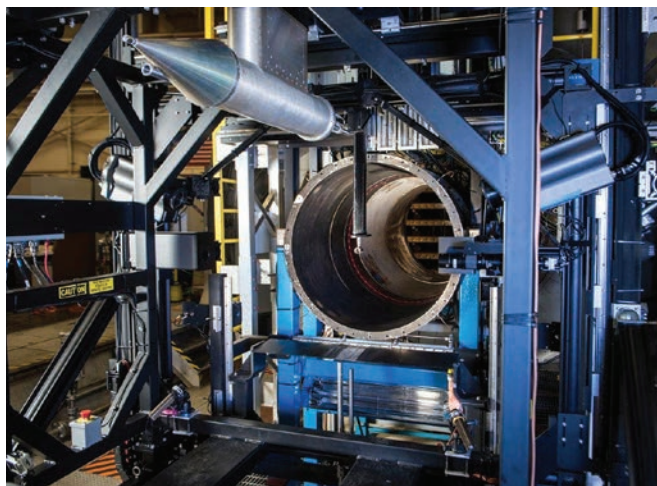
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Vantage Partners, LLC

Glenn Research Center



The Vantage team developed an icing traversing probe system in support of fundamental icing research at NASA GRC.

Describe your company.

Vantage Partners, LLC (Vantage) is a joint venture company consisting of Managing Partner Vantage Systems, Inc., and Stinger Ghaffarian Technologies, Inc. (SGT). Formed in 2011, Vantage is the result of a Small Business Administration (SBA) 8(a) Mentor-Protégé relationship between the two companies. Both companies have been providing multidisciplinary engineering services for high-profile NASA missions for the past 25 years. Vantage has been the prime contractor on the NASA Glenn Research Center (GRC) Glenn Engineering and Scientific Support (GESS-3) contract since 2012. In support of GESS-3, Vantage performs engineering, scientific, operations, project management, and research and technology development support for a variety of GRC programs and complex engineering technologies, including communications, power, propulsion, materials, structures, cryogenics, and electrical systems.

Describe what service or support you provide to NASA.

Vantage supports missions at GRC with researchers and engineers who develop space power and propulsion systems, environmentally friendly air transportation, flight safety improvements, and critical GRC technologies. Vantage advanced hybrid electric technology by building a reconfigurable electric aircraft testbed and designing a high efficiency megawatt motor. Vantage analytically perfected the hybrid tail cone thruster to maximize efficiency with a shaft power savings of 40%. Vantage supports the Lunar Orbiting Platform-Gateway with multidisciplinary development for the power and propulsion system. We successfully conducted a 3,000-hour test of a 12.5-kilowatt Hall Thruster, providing essential operational and lifetime data for the Power and Propulsion Element. Vantage facilities engineers ensure safe and successful testing of cutting-edge technologies in GRC's world-class facilities.

Describe why your company won this award.

Vantage provided cost-effective and innovative solutions for the technical challenges facing GRC's aeronautics and space flight missions. The Vantage team is composed of a diverse group of engineers, researchers, technical support personnel, and specialized small sub-contractors. To overcome the challenge of delivering engineering and research services while facing technically diverse requirements and multiple competing priority-based schedules, Vantage developed a highly collaborative work environment, including multidisciplinary teams to address specific deliverables and process improvements; multiple collaborative workspaces for design, development, and analysis; mentoring and training to enhance company skill sets; and a suite of tools compliant with NASA engineering, technology development, procurement, and quality standards. Utilization of Vantage's collaborative environment has resulted in achieving "Exceptional" performance ratings in all evaluated categories.

Describe your company's support of small business.

Vantage is passionate about the value and flexibility that small businesses provide to NASA. Vantage supports business growth and sustainability, regional economic growth, and job creation. Vantage's support of NASA's small business goals via the GESS-3 contract is "Exceptional." Through FY 2018, 72% of contract revenue has been realized by the 8(a) prime contractor and small business teammate; and 70% of subcontract value has been awarded to a variety of qualified small businesses.

Describe your company's future.

As evidenced by two Exceptional Public Service Medal and two Silver Snoopy awards for FY 2018, Vantage has provided "Exceptional" service to our NASA customer. Our primary goal for the future is to continue this exceptional service. We will continue to create, develop, and make use of our expertise and imagination to fuel opportunities for success among our employees. Vantage will continue to provide services and support that add value to NASA missions. We will continue to promote diversity and support NASA's small business goals by seeking to support, mentor, and subcontract to companies/organizations in the various socioeconomic categories.

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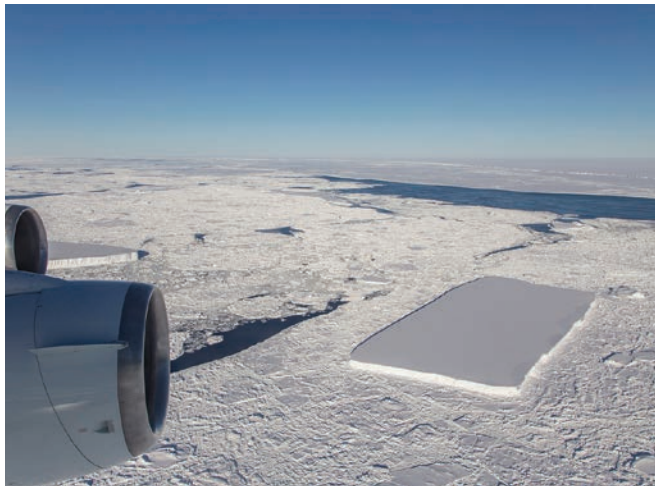
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ADNET Systems, Inc.

Goddard Space Flight Center



ADNET scientist spots a rare rectangular iceberg.

Describe your company.

ADNET Systems, Inc., founded in 1991, is a science, IT, and engineering company headquartered in Bethesda, Maryland. Our exceptional staff of scientists, engineers, programmers, technologists, and outreach specialists provide expertise to NASA and other Federal agencies. ADNET's core capabilities include science support for missions spanning planetary, astrophysics, heliophysics, and Earth sciences; data center and analytics support; Web and application development, IT services, security, and networking; and science communication and outreach. We are an established, award-winning, and employee-centric company providing high-level services to a range of customers including NASA, National Oceanic and Atmospheric Administration (NOAA), U.S. Department of Transportation (DOT), U.S. Department of the Interior (DOI) and U.S. Department of Defense (DOD).

Describe what service or support you provide to NASA.

As the prime contractor for Space and Earth Science Data Analysis IV (SESDA IV) contract, ADNET provides the full range of services to support all of Goddard's science disciplines including solar physics, astronomy and astrophysics, planetary science, and atmospheric science. ADNET supports the full scientific lifecycle from proposal support and instrument/detector R&D to mission planning, instrument commanding, algorithm and analysis software development, SW configuration management, and end-user support. We manage and administer large heterogeneous NASA computing environments and ensure security and availability. As part of SESDA IV, ADNET manages and supports data centers comprising hundreds of components with multiple layers of hardware. We support new algorithm development and develop innovative visualization techniques, helping integrate large amounts of disparate data to provide insight and answers to complex questions.

Describe why your company won this award.

Our efforts, in partnership with the Goddard Sciences and Exploration Directorate (SED), led to implementing innovative approaches and technologies that improved performance, enhanced STEM activities, and ensured mission success. This past year ADNET made significant changes to our computer systems administration (SA) approach and organization resulting in greater efficiency, more homogeneous implementation, and better-informed managerial oversight. ADNET staff were vital to the maturation of GSFC's STEM Innovation Lab as part of the NASA Space Science Education Consortium (NSSEC). Our staff have placed various STEM exploration stations in close proximity within the Innovation Lab, encouraging users to investigate how new and existing technologies can be effectively blended together for greater impact and integrated into existing education programs and products. ADNET contract staff were key members of the flight teams supporting balloon launch campaigns to test and improve new instrumentation and detector technologies designed to study the cosmic microwave background. During a recent campaign, as part of the PIPER (Primordial Inflation Polarization Explorer) flight team, one of our engineers discovered a serious deficiency that if not fixed would have resulted in complete loss of the payload. The ADNET engineer, to quote the Principal Investigator, "single-handedly saved the PIPER balloon payload from catastrophic free-fall from 100,000 ft. float altitude."

Describe your company's support of small business.

We are an active participant in the Goddard Small Business Council, our SESDA IV contract team includes several small businesses, and we have encouraged and supported former employees that started their own business.

Describe your company's future.

ADNET remains focused on mission success and employee satisfaction. We seek to enhance our partnership with NASA through our exceptional and talented staff. As our customer's science, IT, and engineering needs evolve so will ADNET.

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Navarro Research and Engineering, Inc.

Johnson Space Center



Navarro is closing four wastewater lagoons at NASA's White Sands Test Facility. Over 20,000 tons of sludge and clay liner will be excavated and disposed offsite.

Describe your company.

Navarro is a small, women-owned Federal contractor with nationwide offices covering 28 states. Our reputation for technical solutions, innovative processes, excellent safety record, and successful project management makes us one of the industry's most trusted contractors. With our technical roots and far-reaching expertise, Navarro is a small business with large business capabilities. Navarro has over 25 years of experience supporting Federal clients, like the Department of Energy (DOE), National Nuclear Security Administration (NNSA), Department of Defense (DOD), and National Aeronautics and Space Administration. Navarro successfully graduated from the Small Business Administration's 8(a) program in 2006, was awarded SBA's 8(a) graduate of the year, and is now a nationally recognized industry leader with successful turnkey service contracts valued up to \$300 million.

Describe what service or support you provide to NASA.

As the Environmental Compliance and Operations (ECO) contractor, Navarro furthers NASA's mission by providing the NASA White Sands Test Facility (WSTF) Environmental Program with environmental restoration and environmental compliance services. This includes program integration, soil and groundwater investigation and characterization, soil remediation, groundwater remediation, waste management, and post-closure monitoring and maintenance. Continuously assuring environmental compliance and proper permitting helps NASA insure testing operations go on without interruption. Navarro provides innovative solutions to reduce NASA environmental liability by utilizing effective approaches to reduce contaminant mass in groundwater and remediation of soils.

Describe why your company won this award.

Navarro seeks to provide continuous improvement and innovation in all of its projects. In FY18 at WSTF, Navarro has exemplified that

improvement in many ways, including initiating a program to increase contaminant removal from groundwater by vertically fracturing the mid-plume extraction wells, increasing flow pathways to each well, and by employing temporary mobile pumping of wells that are highly contaminated, but haven't produced enough water to connect full-time to the treatment system.

Navarro is working with WSTF's Calibration Lab to develop a program to perform in-situ flow meter calibration, saving the expense of removal and replacement of each flow meter, around \$12,000 per year and is installing flexible drop pipes in the mid-plume extraction wells to avoid the cost of hiring a drilling contractor every time a pump or motor needs removal for service. This saves about \$12,000–\$13,000 each time a pump or motor is serviced. Besides these innovations, numerous other innovations have been developed to improve waste operations, treatment system operations, and business operations.

Describe your company's support of small business.

As the prime contractor for the Environmental Compliance and Operations contract at the NASA White Sands Test Facility, Navarro makes every effort to encourage maximum participation of small businesses in the acquisition of goods and services for the Environmental Department. Small businesses are given an equal opportunity to compete on all procurements for which they have the capability to perform to NASA's requirements. Navarro routinely searches for small business concerns to add to its approved vendor list and strives to ensure that a fair number of procurement awards are placed with small businesses. Navarro collects small business representation and certifications and has implemented a data tracking system that aids in meeting goals established for small business awards.

Describe your company's future.

Navarro's goal is to become the contractor of choice for large environmental remediation projects for DOE, NASA, and DOD. We are targeting our growth strategy to be able to manage large and complex Management and Operations Federal contracts and to continue diversification of our client base and services, while maintaining excellence in our services, safety, quality, and customer satisfaction.

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New Directions Technologies, Inc. (NDTI)

Kennedy Space Center



Nathan Brach, NDTI Project Manager, servicing the original Launch Director's console.

Describe your company.

NDTI provides services and products primarily to the Department of Defense, Homeland Security, NASA, and other civilian Federal agencies. Our services include enterprise operations; data center management; information assurance life-cycle support; quality management and assurance for independent validation and verification (IV&V); IT systems and service desk operations; business process workflow; configuration, change, project, and portfolio management; business information processing; IT Infrastructure Library (ITIL); v3 life-cycle management; acquisition program management and training systems; test and engineering services; rapid prototyping and technical support services.

Describe what service or support you provide to NASA.

NDTI provides fully-trained personnel to all branches of the Information Technology and Communications Services Directorate at Kennedy Space Center through the Information Technology Support Services II (ITSS II) contract. The branches include IT Business Office, IT Security Office, computational services, application engineering and operations, data center services, voice and imagery services, networks and data delivery services, end-user services office, Project Management Office, and Technical Integration Office.

Describe why your company won this award.

Our fully trained personnel have become ingrained in the IT Services Directorate and are considered functional team members. Our expertise in all IT areas has garnered our people with 39 NASA awards in 13 months, including Certificates of Appreciation, Peer Awards, and Space Flight Awareness Awards. Three more awards were given to NDTI employees in March 2019, including the coveted Silver Dollar Award. Also, we have partnered with the NASA Business Office to the mutual benefit of NDTI and NASA concerning contract management. It is a symbiotic relationship; we work together to solve issues and ensure that we are both kept up to date with the latest contract information and issues.

Describe your company's support of small business.

Mark Fuerst, NDTI's Managing Director of the ITSS II contract at Kennedy Space Center, sits on the board of the Small Business Office, and he has supported the Small Business Expos since he started in April 2017. NDTI also supports several small business Mentor-Protégé efforts at the corporate level.

Describe your company's future.

NDTI wants to continue to deliver high quality information technology services and solutions to our customers. Our commitment to the defense of our Nation, our exploration of space, and the operational efficiency of our Government are major factors that will continue driving our business strategy for the foreseeable future.

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Analytical Mechanics Associates, Inc. (AMA)

Langley Research Center



AMA supports the Advanced Composites Project with process development, sample testing, and modeling of complex layup and cure parameters.

Describe your company.

AMA began support for NASA in 1962 during the Apollo program. As John Glenn became the first American to orbit Earth, mathematicians at AMA quietly worked on guidance, navigation, and controls problems. As an example, AMA's Stanley Schmidt collaborated with Rudolf Kalman to develop what is now called the Schmidt-Kalman filter. AMA is a prime contractor at Ames Research Center, Glenn Research Center, and Langley Research Center and a subcontractor at NASA Marshall Space Flight Center, Johnson Space Center, and Stennis Space Center.

Describe what service or support you provide to NASA.

AMA supports multiple NASA Centers, including a majority of NASA Langley's organizations as the prime on the Technology, Engineering and Aerospace Mission Support 3 (TEAMS3) contract. TEAMS3 is a large, highly dynamic contract that supports systems analysis, engineering, flight projects, and research organizations at Langley as well technical support of the NASA Engineering Safety Center. AMA supports multiple disciplines including acoustics, aerodynamics, avionics systems, crew systems, flight hardware design and development, flight dynamics and controls, hypersonics, materials development, measurement systems, program and project support, structures research, and systems analysis and concepts development. AMA engineers continue to innovate with pioneering approaches to analyze Earth-observing satellite data; integrate complex test environments; and design and plan space-based missions for our NASA customers.

Describe why your company won this award.

AMA demonstrated innovative management of Langley Research Center's TEAMS3 contract comprised of 13 technical disciplines with hundreds of subject matter expert consultants supporting dynamic,

time critical research and program requirements. AMA facilitated the implementation and improvement of new enterprise work management software to the benefit of all Langley contracts. AMA developed and integrated innovative work planning and execution management including contributions of 144 small business subcontractors, 22 of which are women-owned, and provided improved quality and efficiency of task portfolio management. AMA improved on historically excellent technical, cost and schedule performance while delivering critical support to numerous technology and mission program customers including Unmanned Aerial Systems, Low-Boom Flight Demonstration, Mars Science Laboratory, and the Orion Program.

Describe your company's support of small business.

AMA incorporated 144 small business members into our TEAMS3 team and developed a streamlined process that enabled numerous consultants to support TEAMS3. AMA was instrumental in formation of the Virginia AeroSpace Business Association (VASBA) to promote NASA's mission and cultivate an aerospace workforce. AMA has an active Mentor-Protégé agreement with an 8(a) Service-Disabled Veteran-Owned Small Business (SDVOSB) company MartinFederal Consulting. AMA's CEO participated in NASA Office of Small Business Programs (OSBP) Historically Black Colleges and Universities/Minority Institutions (HBCU/MI) road tours and provided guidance to several institutions regarding improved participation in NASA's mission.

Describe your company's future.

AMA's vision is to be NASA's preferred engineering company in support of research and development across the Agency, expand our customer base with other Federal agencies, and provide product innovation in support of Government and commercial interests. We look for ways to partner more effectively with NASA and other Federal agencies. We see future growth enabled by exceeding management and technical requirements, continued development and sustainment of a world-class workforce and more productive and efficient, cost-effective business processes and infrastructure operating in compliance with cybersecurity requirements.

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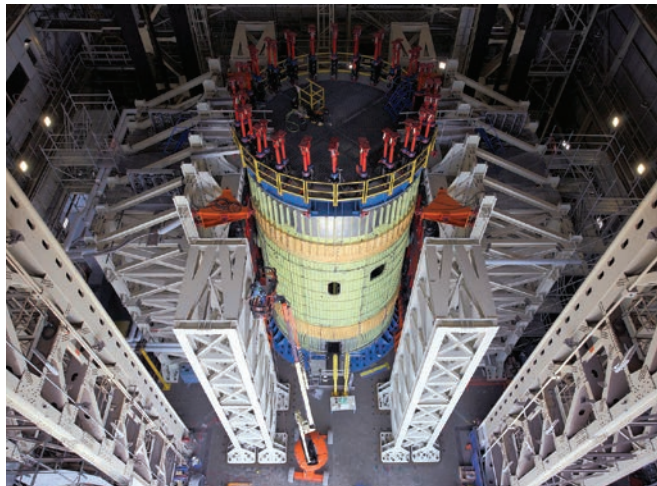
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Manufacturing Technical Solutions, Inc. (MTS)

Marshall Space Flight Center



SLS intertank structural test at MSFC.

Describe your company.

Manufacturing Technical Solution, Inc. (MTS), a Veteran-Owned Small Business established in 2001, was built on a strong foundation of manufacturing expertise. Our first opportunity was to support the Missile Defense Agency's Quality, Safety, and Mission Assurance Directorate at both the system and component levels. From there, the company grew to support the U.S. Air Force, U.S. Army, North Atlantic Treaty Organization (NATO), and NASA. Today, our services include engineering, logistics, facilities management, training, information technology, program/project management, financial and business services in nine U.S. locations. We pride ourselves on the ability to provide quality products and find solutions to customer needs.

Describe what service or support you provide to NASA.

As a prime contractor for the Marshall Integrated Program Support Services (MIPSS) contract at MSFC, we provide Program Planning and Control (PP&C), project coordination, and subject matter experts to over 50 customers. We support the NASA Space Launch System (SLS) Program, Science and Technology Directorate, and Human Exploration Development and Operations Directorate with strategic planning; schedule and budget development and analysis; risk management; Control Board support; and help in developing documentation and integration products in support of the key decisional reviews supporting Lifecycle Decision Analysis, and Systems Management Analysis. We are an industry leader in Project Management, and proud to be a Project Management Institute Registered Education Provider (R.E.P.) providing customized training to our community and across the Agency.

Describe why your company won this award.

MTS promotes excellence and best practices in NASA program and project management at MSFC and across the Agency. The MIPSS

contract consolidated multiple contracts into a single vehicle with the intent to improve the consistency for MSFC PP&C products, processes, tools, and services. The initiatives we proposed significantly contributed toward standardizing PP&C at MSFC and have been recognized by multiple customers including NASA Headquarters. As a result, MTS was instrumental in planning and coordinating the PP&C Community of Practice (CoP). This forum created a platform for Center-wide PP&C collaboration and a venue for senior management to impart PP&C best practices through lessons learned fostering communication. MTS continues to provide training and mentorship to enhance the PP&C discipline within our workforce.

Describe your company's support of small business.

We participate in Industry Days and Small Business Showcases, Forums and Councils at multiple NASA Centers as well as at their respective local events. At MSFC the MST team promotes Science, Technology, Engineering, and Mathematics (STEM) education by sponsoring numerous events such as NASA in the Park, the NASA Human Exploration Rover Challenge, and the Nerdettes, an all-girl FIRST (For Inspiration and Recognition of Science and Technology) robotics team. We remain strong advocates of the small business community providing resources to startup companies. Recently, we formed two Joint Ventures and serve as a mentor through the SBA Mentor-Protégé program with a HUBzone company and an 8(a) Woman-Owned, Service-Disabled Veteran-Owned Small Business.

Describe your company's future.

As our mission statement promises, MTS will "...always be an energetic and enterprising business that consistently exceeds our customers' expectations. We strive to provide our customers with innovative technical and business management solutions." As an 8-year recipient of the Inc. 5000 Fastest Growing Company Award, we are thankful for the growth of MTS. We realize growth is dependent upon our performance and satisfaction of our Government customers. We continuously strive to seek cost-effective measures that can be shared with our customers while maintaining our highly skilled workforce. MTS looks forward to continuing to support NASA's mission driving advances in science, technology, aeronautics, and space exploration.

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Brandan Enterprises, Inc. (BEI)

NASA Shared Services Center



BEI's team located at NSSC.

Describe your company.

Brandan Enterprises, Inc. (BEI), a Women-Owned Small Business, with headquarters in Knoxville, Tennessee has successfully served Government and private sector clients providing acquisition/contracting, technical, financial, business, administrative support, and specialized manufacturing since its founding in 2001. BEI currently serves all NASA Centers on the NASA Contract Closeout and Procurement Support Services Contract. We have also been successful in winning and providing professional contract support to the Department of the Army, Department of Health and Human Services, and the Department of Energy. Client satisfaction is our key measure of success.

Describe what service or support you provide to NASA.

In performance of NASA's Agency-wide Contract Closeout and Procurement Support Services, BEI provides a range of cost-effective solutions to support NASA's procurement activities. We provide contract closeout support for all types of procurement instruments, delivery orders, purchase orders, fixed price and cost reimbursement contracts, interagency agreements and grants at all NASA Centers. Ames Research Center (ARC), Goddard Space Flight Center (GSFC), Langley Research Center (LaRC) and Stennis Space Center (SSC) have also utilized BEI to provide additional procurement support services, such as contract administration, simplified acquisition support, and procurement systems/procurement analyst services. BEI has implemented improved contract closeout processes that has increased the number of contract instruments closed. BEI identified a need for better data and developed an innovative work-tracking tool for managing NASA's contract closeout workload.

Describe why your company won this award.

BEI was selected as the NASA Shared Services Center (NSSC) Small Business Prime Contractor of the Year due to the excellent performance provided on the Contract Closeout and Procurement Support

Services Contract. Our productivity was outstanding with the number of contract instruments closed at an all-time high for the year 2018. BEI exceeded four of the closure targets established by NASA under the contract. Grant and Cooperative Agreements closed reducing backlog by 40% over prior contract efforts. In addition, over \$58 million in unused funds were deobligated from existing contracts which could be applied to current NASA requirements. NASA was very pleased with the support provided by BEI management, noting their responsiveness to the Contracting Officer's Representative (COR) and contracting officer. BEI was proactive in identifying issues and bringing in solutions regarding the work performed.

Describe your company's support of small business.

As a SBA 8(a) program graduate and Women-Owned Small Business, BEI understands the importance of and fully supports small business prime and subcontracting opportunities. Whenever possible, BEI seeks out teaming and subcontracting relationships with other small businesses whose expertise aligns with NASA's requirements. BEI continuously works to develop relationships with small, disadvantaged companies as well as small businesses owned by veterans, disabled veterans, and women. BEI takes an active role in small business forums, chamber of commerce meetings, and other public forums regarding issues promoting small businesses. BEI actively participated in small business development events sponsored by the NSSC and SSC small business offices. In addition, BEI actively participates in the NSSC/SSC contractor council and provides an active member to the NASA Industry Forum.

Describe your company's future.

BEI seeks to expand our procurement and other contractual support to NASA and other Federal agencies. Our goal is to be an indispensable partner by providing unmatched service and value for our clients. Having experienced highly qualified personnel with diverse skill sets and unique knowledge of NASA, Department of Defense (DOD), Department of the Army, and Department of Energy operations and systems, BEI is well-positioned to offer innovative and effective solutions to the Government. BEI strives to provide innovative, high quality, and cost-effective solutions to client needs.

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FY 2018 CENTER-LEVEL WINNERS
SMALL BUSINESS
SUBCONTRACTORS OF THE YEAR

DeVine Consulting, Inc.

Ames Research Center



DeVine NASA team.

Describe your company.

DeVine is a Certified Small Disadvantaged Business founded in 1998 and is headquartered in Fremont, California, with a satellite office in Monterey, California. DeVine possesses an active Top Secret facility clearance and is also CMMI Level 2 appraised. Our team has successfully demonstrated expert knowledge in High Performance Computing Systems, Robust Software Engineering, Meteorology and Oceanography (METOC), Research and Development, and Technical Program Management.

Describe what service or support you provide to NASA.

DeVine staff are active in the Science Network Operations (Sci Net Ops) team and the Data Processing System (DPS) software development team under the Stratospheric Observatory for Infrared Astronomy (SOFIA) project at NASA AMES and Armstrong Flight Research Center (AFRC) providing excellent support and innovative solutions to the prime contractor personnel. Within the Sci Net Ops team, DeVine has provided value-add to critical areas of software development by converting legacy software repositories into git format and deploying a robust-on-premises collaborative and managed git repository with large file support (git-lfs). The new git repository has increased the security of SOFIA software development projects by providing fine grain access control, increased the reliability with daily backups and has provided, for the first time, robust manageability of the entire development lifecycle. DeVine has also provided value-add in a recent infrastructure deployment project that included standing up a VMware ESXi infrastructure with backend storage devices and is used to host critical SOFIA services ranging from www, twiki, development repositories, authentication (Lightweight Directory Access Protocol (LDAP)/Active Directory (AD)), Domain Name System (DNS), Dynamic Host Configuration Protocol (DHCP) and many more.

Describe why your company won this award.

DeVine is playing a major role in the area of robust software development for the SOFIA Data Processing System team which includes leading software development efforts for the Cruise Director application which is used as an in-flight logging tool to record observations and notes during SOFIA observation missions. Various enhancements have been made to the original codebase which includes bringing code to standards, refactoring redundant code, and implemented hooks to enable additional SOFIA instruments. Tools to increase software reliability have also been implemented which include a single standard code repository, code review tools, static code analysis using SonarQube with the SonarPython plugin, Memory leak detection via Valgrind, and statement code coverage via coverage for Python. The aforementioned tools will have a direct impact on development practices and unit/integration testing which will increase the robustness and quality of the codebase.

Describe your company's support of small business.

DeVine also participates in NASA-related outreach. Jeffrey DeVine was the President of the Northern California Small Business Association. Previous speakers include NASA Ames Chief of Staff Karen Bradford who spoke to the organization on her life and career at NASA and how women can succeed. DeVine also attends all small business contractor council meetings and participates wherever needed.

Describe your company's future.

DeVine is planning to continue to increase our quality control. This includes attaining CMMI Level 3 maturity and ISO Certification. We will continue our support of the NASA Ames Small Business Council. We are also planning to expand our support of NASA by reaching out to other centers, including NASA Goddard and the Stennis Space Center.

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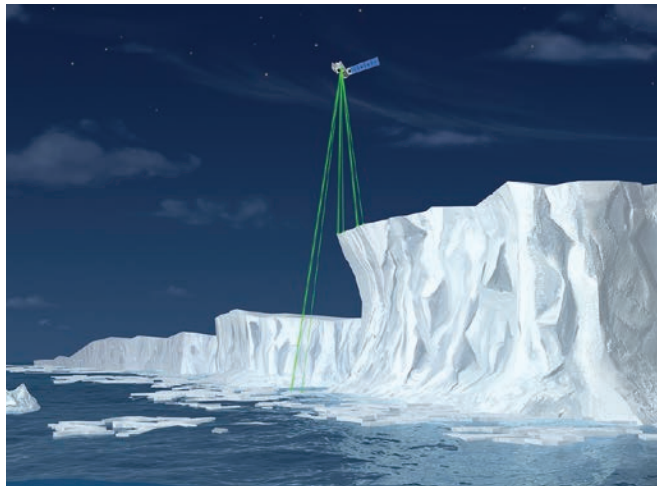
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Emergent Space Technologies, Inc.

Goddard Space Flight Center



The ICESat-2 spacecraft uses six laser beams to measure the height of Earth's glaciers and sea. This requires precise geolocation of the laser beams' footprint.

Describe your company.

Founded in 2001 and headquartered in Laurel, Maryland, Emergent Space Technologies, Inc. provides technical services to NASA, the U.S. Air Force, and Defense Advanced Research Projects Agency (DARPA). We are known for our expertise in spacecraft Guidance, Navigation, and Control (GN&C) and flight dynamics, with core competencies in navigation and orbit determination, attitude determination and control, optimal trajectory design, Global Positioning System (GPS)/Global Navigation Satellite Systems (GNSS) Positioning Navigation and Training (PNT), and modeling and simulation. Our software development capabilities set us apart and our processes have been continuously appraised at Capability Maturity Model Integration for Development Maturity Level 3 (CMMI-DEV ML3) since 2009.

Describe what service or support you provide to NASA.

As a subcontractor on the Geophysics, Geodynamics and Space Geodesy III contract, Emergent delivers support to the ICESat-2 and GEDI missions. These missions will provide scientists with laser-based height measurements of Earth's glaciers, sea ice, and forests to quantify changes in ice-sheet mass and how this impacts future global sea level, as well as to improve understanding of carbon and water cycling processes, biodiversity, and habitat. Our core services include: pre-flight mission design and analysis; precision orbit and pointing determination algorithm design, development and testing; laser altimeter geolocation algorithm design; GPS receiver systems engineering, integration, and testing; Constraint Analysis and Monitoring System (CAMS) software design, development and sustainment; and post-launch operational orbit determination for science data processing.

Describe why your company won this award.

Emergent provides innovative engineering and software solutions to the Ice, Cloud, and land Elevation Satellite-2 (ICESat-2) and Global

Ecosystem Dynamics Investigation (GEDI) missions. For example, we developed highly efficient predictive models of the ICESat-2 observatory's attitude and positioning to avoid instrument health and safety constraints and to ensure the safety of other space assets from unintentional lasing. We were also integral in the development of the geo-segmenting algorithm, which defines a fundamental coordinate system for the ICESat-2 science data products. We are key developers of the GEDI Science Planning System and have developed innovative approaches to "driving" the instrument pointing control system for optimal science data collection. We are also supporting development of the kinematic GPS positioning software for precise location of the GEDI instrument on the International Space Station.

Describe your company's support of small business.

Emergent is a strong and vocal advocate for small business participation on NASA prime contracts. We are active members of the Maryland Space Business Roundtable (MSBR), the Goddard Contractor Association, and the Goddard Small Business Council. We are also passionate about engineering education outreach. Our Women in Research and Engineering Development (WIRED) scholarship program has the goal of helping to retain women undergraduate students in aerospace engineering.

Describe your company's future.

Emergent seeks to take the next step in the evolution of our company and become a NASA prime contractor. We believe that our combination of technical excellence in engineering and software development and our lean, process-based management techniques and tools can be scaled up to meet the needs of the most challenging engineering and science contracts. At the same time, we will continue to leverage our technology development experience to focus on flight and ground system software solutions for autonomous constellations, formations, and swarms of satellites and uncrewed aerial vehicles for civil, commercial, and military space customers.

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GeoControl Systems, Inc.

Johnson Space Center



GEOCONTROL SYSTEMS, INC.



Drew Feustel, Expedition 56 Commander, conducting a protein crystal growth experiment onboard the International Space Station.

Describe your company.

Headquartered in Houston, Texas, GeoControl Systems, Inc. (GCS) is recognized by the project management, engineering, technical, and administrative support services it provides to Federal and large business customers. Incorporated in 1984, GCS is an Economically Disadvantaged, Women-Owned Small Business and the company became an Small Business Administration certified HUBZone firm in 2002. GCS is unique in its ability to sustain HUBZone certification through controlled growth and Nation-wide expansion. Being a HUBZone small business concern, GCS focuses on the development of underutilized labor markets.

Describe what service or support you provide to NASA.

At the Johnson Space Center (JSC), GeoControl Systems (GCS) provides curation, design, development, test, and evaluation (DDT&E), engineering, flight controller, information systems, life science, operations and maintenance (O&M), payload integration management (PIM), project management, and logistics services to the International Space Station (ISS) program, the Orion program, and to numerous Directorates including: Center operations, engineering, exploration integration and science, flight operations, and human health and performance. At the White Sands Test Facility (WSTF), GCS conducts O&M of engine test stands and the high-altitude simulation systems, applying reliability-centered maintenance techniques for these critical systems. At Marshall Space Flight Center (MSFC), GCS supports the Space Launch System (SLS) program, conducting aerothermal, avionics, guidance, navigation and control, propulsion, and structural analysis.

Describe why your company won this award.

GeoControl Systems (GCS) received this award due to outstanding support to the Research Integration (RI) team under the International

Space Station (ISS) program. Under contract to The Boeing Company, GCS provides exceptional support in the areas of: payload integration management (PIM), flight topology management, hardware/software configuration management, data management, risk management, engineering proposal integration, certification of flight readiness, manifesting and cargo packaging reviews, flight payload management, horizontal integration support, and OZ (Payload Office) Requirements Baseline and Integration Tool (ORBIT) Sustaining. GCS supported the accelerated protein crystal integration investigation by reducing the template of 3-to-6 months down to 21 and 36 days by managing resources to accommodate the need to accelerate the investigation to support four crewed operations with no downtime.

Describe your company's support of small business.

As a certified Small Business Administration (SBA) Historically Underutilized Business Zone (HUBZone) small business concern, GeoControl Systems (GCS) provides meaningful employment to residents of HUBZone designated areas, revitalizing American communities in Alabama, Colorado, New Mexico, and Texas. Michael Zarcaro, GCS Vice President, serves on the Board of the NASA Johnson Space Center (JSC) Small Business Council (SBC) as Secretary. GCS personnel are actively engaged in the Bay Area Houston Economic Partnership (BAHEP) and support many cross-industry organizations which promote small business utilization.

Describe your company's future.

As a HUBZone small business concern, GeoControl Systems, Inc. (GCS) is driven by our values and our vision. By continuing to deliver significant technical and social accomplishments to our customers and our communities, we attract the best engineering, administrative, and managerial talent to our company. We pursue NASA and other Federal contracts and partnering opportunities within targeted HUBZone regions to continually diversify our workforce and positively impact the lives of our employees. Through these opportunities, we invest in communities across America and provide skills development and employment to underserved labor markets. This model allows GCS to increase our market position as a Federal contractor, thrive as a HUBZone firm, and offer superior value to all our customers.

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ERC, Inc.

Kennedy Space Center



ERC employees support the operation of NASA's Crawler-Transporter 2 (CT2) moving the mobile launcher (ML) into the Vehicle Assembly Building (VAB) High Bay 3. Photo credit: NASA/Cory Huston

Describe your company.

Established in 1988 by Dr. Susan Wu, ERC is a Huntsville-based business providing engineering, scientific, and technical services for NASA and DOD customers across the United States. Wu founded ERC with the mission of fostering high technology development in the Small Business (SB) sector using three core values as the cornerstone of the business: 1) Have Integrity; 2) Provide Excellent Work; and 3) Treat Employees Like Family. Today, our staff of approximately 1,800 employees provides support in the areas of systems engineering; complex systems operation and maintenance; research and development; test and evaluation; advisory and assistance services/systems engineering and technical assistance; program management; and information technology, software support, and network administration.

Describe what service or support you provide to NASA.

ERC is a small business subcontractor teammate supporting the Test and Operations Support Contract (TOSC). TOSC provides the overall management and implementation of ground systems capabilities, flight hardware processing, and launch operations at the Kennedy Space Center (KSC). These tasks support the International Space Station, Exploration Ground Systems, the Space Launch System, Orion Multi-Purpose Crew Vehicle, and Launch Services programs. ERC also supports many of these same programs for NASA at Johnson Space Center (JSC), White Sands Test Facility (WSTF), and Marshall Space Flight Center (MSFC) through subcontracts and joint ventures.

Describe why your company won this award.

As a subcontractor to Jacobs Technology, Inc. on the Test Operations and Support Contract (TOSC), ERC provides outstanding and innovative support across the entire contract. One innovation ERC has

provided is with the development of Orion recovery operations. Orion post-flight recovery will use a U.S. Navy well deck ship. During early recovery tests, problems were encountered with wave and well deck interaction that increased wave magnitude, increasing the difficulty of safely capturing and securing the test capsule. ERC personnel developed a Wave Monitoring System (WMS), software, and concept of operations that reduces waves in the well deck through changing ship course headings. The system was a success during Underway Recovery Test (URT)-6, which led to its being approved for future URT and mission recovery operations.

Describe your company's support of small business.

ERC provides key members of the TOSC supply chain processes and procurement team. ERC performs market research and focuses procurement activities on qualified small businesses. Our procurement personnel mentor small businesses, meeting regularly with current and potential small businesses to review their product lines and discuss contract needs. Our mentoring includes discussions about quality and delivery expectations and associated metrics. We also support KSC's monthly Central Industry Assistance Office meetings to engage small businesses interested in doing business at KSC and build relationships. In addition to our support of small businesses at KSC, ERC is currently participating in a Small Business Mentor-Protégé relationship with a Service-Disabled Veteran-Owned Small Business, whereby we provide mentoring for business development and business and financial systems.

Describe your company's future.

As with many small businesses, ERC's goal is to continue our steady growth. Because of our success in the SB program, ERC is transitioning to a large business. As we expand our customer base, we strive to provide the same outstanding, attention-to-detail services to the customers we serve. ERC endeavors to increase our corporate capabilities to include areas adjacent to the services we currently provide. While growing our business is important to ERC, an equally important goal is ensuring we maintain the tenets of our corporate purpose statement, "We will significantly enhance the quality of life of our employees and their families; and because we take care of and enable our employees, we help them do their best for our customers."

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Kord Technologies, Inc.

Marshall Space Flight Center



Filament winding a composite rocket motor case in the Kord Engineering Prototype Center.

Describe your company.

Kord, founded in 2008, is a Women-Owned Small Business headquartered in Huntsville, Alabama. The company provides an extensive portfolio of aerospace, cyber, defense technology, and integrated logistics and life-cycle solutions to Federal Government civilian and Department of Defense (DOD) clients across the United States. The company provides crucial support in the development of core transportation capabilities for NASA's journey to Mars on the Space Launch System. Further, Kord is helping to develop missile, laser weapon, sensor, and autonomous technologies to address global defense challenges. Kord also provides customers with strategic training, logistics, and integrated sustainment support worldwide. In addition, the company plays a pivotal role in the intersection of communication systems, intelligence analysis, and cybersecurity.

Describe what service or support you provide to NASA.

Kord is fully dedicated to supporting NASA's mission to drive advances in science, technology, aeronautics, and space exploration to enhance knowledge, education, innovation, economic vitality and stewardship of Earth. We currently provide crucial support in the development of core transportation capabilities for NASA's journey to Mars on the Space Launch System (SLS). We were recognized as MSFC's Small Business Subcontractor of the Year (2018) for our support to The Boeing Company on NASA's SLS Core Stage and Upper Stage Element. Kord has been a Boeing Gold or Silver Supplier for the past 6 years and our employees have received NASA Space Flight Awareness and Silver Snoopy awards.

Describe why your company won this award.

Kord is being recognized with this award because of dedicated support to our prime contractor, The Boeing Company, and our focused

efforts to support NASA's SLS mission to enable astronauts to begin their journey to explore destinations far into the solar system. Kord provides a multi-disciplinary team of aerospace engineers, programmatic professionals, program management leaders, and subject matter experts that successfully address MSFC's diverse and complicated support requirements. Our team is led by an experienced program manager who rapidly responds to any, and all MSFC support demands and allocates and assigns our skilled and experienced staff to meet MSFC's most pressing requirements.

Describe your company's support of small business.

Kord's support of NASA extends across local, regional, and national domains. We support the biannual Marshall Small Business Alliance through participation as an exhibitor and sponsorship. Kord has also supported regional events such as the Launch Your Business with NASA and the South Carolina Charleston County Business and STEM Expo. At the invitation of the MSFC Small Business Office, Small Business Executive Leadership Team (SBELT), and Marshall Prime Contractors Supplier Council we have presented at the MSFC's Joint Counseling Initiative. Through our Mentor-Protégé agreement with Raytheon, Kord invited other small businesses to participate in education events led by leaders such as Moshe Rubinstein, Ph.D., a Fulbright Hays Fellow named one of the Top 20 Professors of the Century at UCLA.

Describe your company's future.

Through our support to NASA and DOD organizations, Kord has exceeded our growth objectives. Over the past year, Kord revenues have grown by 100% and our employee count has doubled. Kord expects that growth to continue. The company has made significant investments in our Engineering Prototype Center, a 2,100 square-foot, in-house composite fabrication facility. This laboratory is a critical element in the company's rapid design and prototype fabrication of mission-unique components including novel prototype composite rocket motors, insulators, composite hydro-burst test bottles, and material samples. Further, the company continues to invest in the highly experienced, advanced degreed professionals necessary to meet the highly technical research and development requirements of their NASA and DOD clients.

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Bay Systems Consulting, Inc.

NASA Shared Services Center



Photos of Bay Systems EAST2 staff at work.

Describe your company.

Bay Systems Consulting (BSC) is an award-winning Small Business Administration (SBA) Certified HUBZone and a Women-Owned, Small Disadvantaged company that provides critical high technology staff solutions for the Jet Propulsion Laboratory (JPL), NASA, the U.S. Government, education, military, and industry. BSC has worked with the Government since 2004 and built the company from a startup into a distinguished technology leader in Silicon Valley. BSC's Core Expertise includes operations research, applied science, program management, IT and AI services, software development, field engineering, facilities management, and professional staffing. BSC consistently earned Past Performance Ratings of 97%+ and excels at finding highly skilled niche talent that help operate the International Space Station, provides engineering expertise for space-related software applications, and supports JPL's satellite operations.

Describe what service or support you provide to NASA.

BSC supports these projects:

- Enterprise Application Service Technologies (EAST) 2 provides services that maintain key business and mission-critical platforms, applications, and infrastructure at MSFC. BSC received special recognition for designing the "Doing Business" Web site that helps small businesses navigate NASA's procurement process and earned the Chief Information Officer (CIO) Achiever Award for developing innovative invoicing solutions.
- Intelligent Systems Research and Development (ISR2) 2 supports high level software development for NASA's Autonomous Medical R&D for the International Space Station and conducts data analysis for life sciences in deep space habitats.
- JPL Table Mountain Facility manages comprehensive maintenance, security, and logistics for NASA's satellite operations and scientific research like astronomy and Light Detection and Ranging (LIDAR).

- Facility Infrastructure—AMES provides mission critical infrastructure, civil engineering, architecture, and inspection services.

Describe why your company won this award.

The overarching factor in winning this Award is BSC's expansive industry knowledge and Subject Matter Expertise (SME) about (EAST) 2's current mission and future goals. When BSC won the CIO Achiever Award for creating leading edge solutions, we earned special recognition for designing a "Doing Business" Web site that confirms NASA's commitment to help small companies do business with NASA. This required migrating disparate facets of the legacy METRO system to the modern and unified LifeRay Portal. These accolades supplement the 11 previous awards BSC earned for excellence during our first 2 years on this contract.

Describe your company's support of small business.

BSC has been an active member of NASA and JPL's Small Business Council since 2014. Represented by Jasmine Ali, BSC presented a summary to the (Ames Contractor Council) ACC for the March 2017 meeting and reviewed all inputs from the Small Business Committee members. As a member of NASA's Industry Forums (NIF), BSC actively participates in all discussions on the success, relevance, and impact of initiatives, as well as the coordinated meetings among the 10-member committee to attain viable small business solutions.

Describe your company's future.

BSC's excellent history of supporting NASA promises a bright future. We've placed more than 500 staff in Government agencies and NASA Centers such as JPL, Ames, Stennis, Goddard, and NASA Headquarters. BSC earns a consistently strong Dun & Bradstreet (D&B) rating and built a solid financial profile that guarantees project/program success from inception to conclusion. Those strong financial and operational fundamentals will allow BSC to consolidate short- and long-term opportunities, enhance revenue growth, evolve from a subcontractor role to a prime contractor, and expand our operational reach beyond the current list of five NASA Centers. BSC will also leverage our assets to engage qualified industry partners to help secure major projects and fully participate NASA's success.

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Manufacturing Technical Solutions, Inc.

Stennis Space Center



RS-25 engine test on the A-1 Test Stand at SSC.

Describe your company.

Manufacturing Technical Solution, Inc. (MTS), a Veteran-Owned Small Business established in 2001, was built on a strong foundation of manufacturing expertise. Our first opportunity was to support the Missile Defense Agency's Quality, Safety, and Mission Assurance Directorate at both the system and component levels. From there, the company grew to support the U.S. Air Force, U.S. Army, North Atlantic Treaty Organization (NATO), and NASA. Today, our services include engineering, logistics, facilities management, training, information technology, program/project management, financial and business services in nine U.S. locations. We pride ourselves on the ability to provide quality products and find solutions to customer needs.

Describe what service or support you provide to NASA.

MTS provides financial, resources, program, planning and control services vital to NASA's propulsion testing, Space Launch System (SLS) program, and commercial customers at Stennis Space Center (SSC). We provide a cross-trained workforce which enables us to meet diverse requirements across the various NASA Directorates. We support The Office of the Chief Financial Officer (OCFO) in financial and resource management, institutional and programmatic activities, and the Engineering and Test Directorate (E&TD) performing Project Planning and Control (PP&C). In the OCFO Budget Integration Branch at SSC, MTS persistently looks for innovative solutions that build upon previous successes. Our support to the Financial Management Division and collaborative relationship with Headquarters and Agency Applications Office enabled NASA to make informed decisions based on in-depth analysis.

Describe why your company won this award.

MTS promotes excellence and best practices in NASA program and project management at SSC and across the Agency. We incorporated

data mining techniques, analysis, and research to improve the budget integration funding process and monthly reporting. By using the most up-to-date tools and maintaining a highly trained workforce, we excelled in schedule management and project controls. We were recognized for excellence in scheduling and schedule integration; supporting the development and implementation of a streamlined funding approach to increase efficiency and improve office productivity; providing expertise in Standard General Ledger (SGL) monitoring and collaboration to help solve SAP system issues; and providing resource management and scheduling for the successful completion, restoration, and build-out of the B2 test facility.

Describe your company's support of small business.

We participate in Industry Days and Small Business Showcases, Forums and Councils at multiple NASA Centers as well as at their respective local events and venues. The SSC MTS Team volunteered for the NASA Small Business video initiative to promote small businesses across the Agency. We supported the annual Girls Excelling in Math and Science (GEMS) event held at SSC which involved 200 girls. We remain strong advocates of the small business community providing resources to startup companies including office space, computers, furniture, and tools. To date, we have formed two Joint Ventures and serve as a mentor through the SBA Mentor-Protégé program with a Historically Under-Utilized Business Zone (HUBzone) company and an 8(a) Women-Owned, Service-Disabled Veteran-Owned Small Business.

Describe your company's future.

As our mission statement promises, MTS will "...always be an energetic and enterprising business that consistently exceeds our customers' expectations. We strive to provide our customers with innovative technical and business management solutions." As an 8-year recipient of the Inc. 5000 Fastest Growing Company Award, we are thankful for the growth of MTS. We realize growth is dependent on our performance and satisfaction of our Government customers. We continuously strive to seek cost-effective measures that can be shared with our customers while maintaining our highly skilled workforce. MTS looks forward to continuing to support NASA's mission driving advances in science, technology, aeronautics, and space exploration.

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FY 2018 CENTER-LEVEL WINNERS
LARGE BUSINESS
PRIME CONTRACTORS OF THE YEAR

S.J. Amoroso Construction Co., Inc.

Ames Research Center

AMOROSO
construction



Amoroso's project team gathers at the NASA Ames Biosciences Facility jobsite.

Describe your company.

S.J. Amoroso Construction Co., Inc. is positioned as a leading general contractor in the State of California and employs a dedicated and talented staff in two offices supporting Northern and Southern California operations in Redwood Shores and Costa Mesa, respectively. With a business model firmly rooted in our core values of integrity, commitment, and experience Amoroso is focused on providing strategic and creative solutions tailored for each client's specific needs within the education, public works, infrastructure, healthcare, and commercial markets.

Describe what service or support you provide to NASA.

Amoroso was awarded the contract to build NASA's Ames Biosciences Facility project which began construction in August 2017. The project is a new two-story, 40,000 square-foot building on Moffett Field. It consists of 19,000 square-feet of wet laboratory and support space and approximately 21,000 square-feet of enclosed and open office space, conference rooms, and break rooms. Site work, installation of underground utilities, grading and paving, and site landscaping is also included in the contract.

Describe why your company won this award.

Throughout the project, Amoroso has always put the customer first which has helped the team maintain positive working relationships between the contractor's team and NASA. Amoroso also understands that in construction, timely responses and finding effective solutions is key to the project being completed on time. With over 200 RFIs and

200 submittals, the team has maintained the client's original schedule and vision of the project. Through open and transparent communication during personnel changes and construction challenges, Amoroso has earned NASA's full confidence. In addition, Amoroso always puts safety first on the jobsite. At the NASA project, our team has been thoroughly trained which has resulted in maintaining zero lost time incidents.

Describe your company's support of small business.

For 79 years, Amoroso has been committed to the economic development, safety, and welfare of the communities we serve. Amoroso helped to redefine the California construction industry standard for incorporating Minority-Owned subcontractors and local workers in the delivery of our projects. Programs that seek to reach out to small businesses, Disabled Veteran-Owned Small Businesses, and Women-Owned Small Businesses have been proven to stimulate local economies by more than three times, reduce environmental impacts through use of local transportation, materials, etc., promote innovation and technological advancements through freedom of product choice, ensure quality workmanship through sense of ownership and pride, and increase the overall aesthetics of the local community. Given the immeasurable value of such participation, Amoroso incorporates these voluntary programs into each project we undertake with a comprehensive and systematic approach to tracking programmatic success, regardless of our clients' participation requirements.

Describe your company's future.

Amoroso has enjoyed working with NASA on the Biosciences Facility project. Our collaboration with the client has created a great working relationship and our team looks forward to further opportunities to partner and provide NASA with the facilities they need to reach their goals.

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Jacobs Technology, Inc.

Armstrong Flight Research Center

JACOBS®



Jacobs provided systems integration, test flight instrumentation, subscale systems, and science mission operations for Unmanned Aircraft Systems (UAS) at Armstrong Flight Research Center.

Describe your company.

Jacobs was founded in 1947 by Dr. Joseph J. Jacobs and now has over 80,000 employees. Despite being a large company, our corporate culture, built upon safety and integrity, is deeply instilled within the heart of our business—our employees—in caring for fellow employees, partnering with our customers and communities, executing work consistently well, and in consequently growing Jacobs. With more than 11,000 scientists, engineers, and technicians supporting NASA, the Department of Defense (DOD), the Department of Energy (DOE), and other Federal agencies and commercial aerospace and technology entities, Jacobs is able to provide a broad range of capabilities encompassing systems engineering, design and fabrication, test and analysis, manual support, launch operations, research and scientific studies, and enterprise information technology solutions.

Describe what service or support you provide to NASA.

Jacobs provides engineering, scientific, and technical services at eight NASA sites for large enterprise contracts. Specifically, our partnership with Armstrong Flight Research Center (AFRC) spanned nearly 10 years on the Engineering and Technical Services (ETS) contract. Our services supported flight research projects and included facility operations and maintenance oversight and Unmanned Aerial Systems (UAS) design, development, and test and evaluation for projects such as the Low Boom Flight Demonstrator (LBFD) and Preliminary Research Aerodynamic Design to Lower Drag (PRANDTL-D). Jacobs also supported the Stratospheric Observatory for Infrared Astronomy (SOFIA), X-57 Maxwell, Ikhana, Global Hawk, and many others programs and projects. Our support has furthered NASA and AFRC's mission by augmenting NASA researchers and engineers to conduct important scientific missions.

Describe why your company won this award.

Jacobs is able to leverage the broad resource base available to a large business, while partnering with small businesses. The result is an agile and responsive team that can collaborate with industry and academia to support unique customer requirements. In support of several critical NASA programs and projects, Jacobs has called upon our deep bench of experts as well as those of our business and academic partners to deliver innovative solutions that improve mission outcomes and performance. Jacobs also leverages our internal ideas and ingenuity campaign to foster employee involvement and ownership and deliver technical solutions and process improvements that result in cost savings to NASA. We involve our small business partners to achieve collaboration that is beneficial to both NASA and the small business community.

Describe your company's support of small business.

At Jacobs, we value our relationships with our small business partners. Through several Mentor-Protégé relationships across SBA, NASA, and the DOD, we help develop the business acumen and business management capabilities of entrepreneurs. We frequently participate in Small Business Symposiums to attract new partnerships and invite small businesses to present their capabilities to our entire aerospace and technology sales organization. For ETS, we partnered with 10 small businesses to deliver high technology work and accomplished 100% of our subcontracting through small businesses that span every socioeconomic category.

Describe your company's future.

Staying true to our core values, we strive to continually build long-term and meaningful relationships with our clients, like NASA, by providing superior customer value and by continuously improving our performance across all of our contracts. Our clients' needs drive our growth strategy; as such, we deliver agility and responsiveness to progress on pace with their growth. We continue to provide innovative and cost-effective solutions; maintain a sharp focus on safety, integrity, diversity, and inclusion; and deliver on our commitments. Our goal to realize meaningful growth each year cultivates an emphasis on strategic relationships and promotes growth within Jacobs and the small business community.

Terry Hagen, President, Aerospace, Technology and Nuclear
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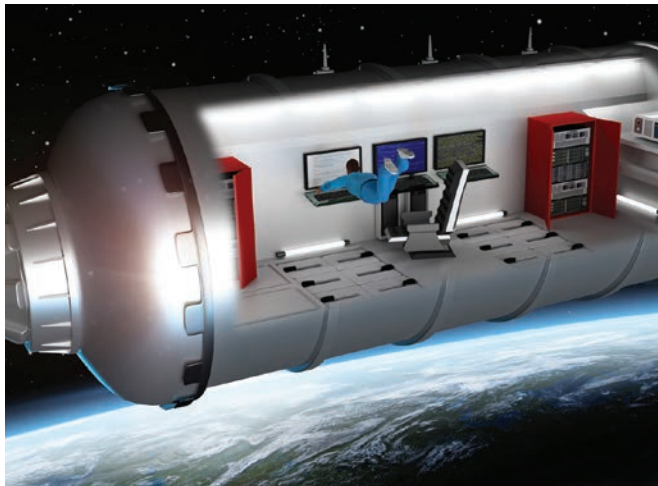
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Dynetics, Inc.

Glenn Research Center



CO₂ Scrubber: Johnson Space Center awarded Dynetics a contract to design, develop, build, and fly a carbon dioxide scrubber for the International Space Station. It will be delivered to JSC in summer 2019.

Describe your company.

Dynetics provides responsive, cost-effective engineering, scientific, Information Technology solutions to the national security, cybersecurity, space, and critical infrastructure sectors. Our portfolio features highly specialized technical services and a range of software and hardware products, including components, subsystems, and complex end-to-end systems. The company of 1,800 employee-owners is based in Huntsville, Alabama, and has offices throughout the United States.

Describe what service or support you provide to NASA.

NASA selected Dynetics, Inc. to develop and build the Universal Stage Adapter (USA) for the Agency's Space Launch System (SLS) rocket in June 2017. The adapter will connect NASA's Orion spacecraft with the SLS Block 1B upper stage and provide additional cargo space to support NASA's exploration missions. Dynetics supports SLS with propulsion and separation system hardware, and the delivery of the SLS Core Stage Pathfinder which will be used to demonstrate core stage operations and transportation. Dynetics is developing life support system hardware for the Orion and the International Space Station programs.

Describe why your company won this award.

Dynetics, along with its partners, manage the design, analysis, manufacturing, testing, assembly, and delivery of the SLS Universal Stage Adapter. The United States will be the first human-rated primary structure using carbon fiber-reinforced panels for a NASA launch vehicle. The USA will stand 32.4-feet tall, measure 27.6 feet in diameter at its largest point, and provide environmental control to payloads during ground operations, launch, and ascent, while also

accommodating the electrical and communication paths between the exploration upper stage (EUS) and Orion. Dynetics partners include RUAG Space, Craig Technologies, Dynamic Concepts Inc., Paragon Tec, Tuskegee University, and ZIN Technologies. For the U.S. and other NASA projects, Dynetics provides affordable integration of technology and suppliers to meet NASA needs.

Describe your company's support of small business.

Dynetics made a strong commitment to small business in the United States technical approach for development. We have significant technical development work at Craig Technologies, ZIN Technologies, and our separation system supplier, Ensign Bickford. Dynetics has exceeded our planned/contract goals to small business across all categories and continues to look for opportunities to partner with new suppliers. Potential new small business suppliers are informed about and encouraged to research current Dynetics programs in which vendor opportunities may exist. Dynetics has a broad corporate outreach strategy focused on NASA Marshall Space Flight Center (MSFC) and Glenn Research Center (GRC) related events. Paragon Tec, a Dynetics partner, is charged with developing an education and outreach strategy for the contract.

Describe your company's future.

Dynetics is expanding in all of our strategic business areas. Our company continues to support our services contracts as well as exploring more opportunities to design and build complex hardware systems. We are adding numerous production facilities that will enable a more robust manufacturing capability. An advanced manufacturing facility will allow for Dynetics to enhance our weapons technologies. In our aerospace structures complex, large hardware can be built and tested for Government and commercial customers. Our workforce continues to grow every year. In the last 2 years, we have grown from 1,400 employees to nearly 2,000 employees. We have opened or relocated offices in California, Colorado, and Oklahoma. Dynetics is looking for bright and eager talent to add to our team.

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KBRwyle Technology Solutions, LLC

Goddard Space Flight Center



Sharing the knowledge of NASA.

Describe your company.

KBRwyle, is the global Government services business of KBR, Inc. KBRwyle delivers mission critical, full life cycle solutions for the defense, space, and technology markets. Our solutions help ensure mission success, improve operational capability and drive innovation. We are known for our work on complex and large-scale projects and for working in extreme environments ranging from the most remote places on Earth to the far reaches of space. From 60 U.S. and 40 international locations, KBRwyle delivers unparalleled engineering, operations, logistics, scientific, information technology, and cybersecurity expertise.

Describe what service or support you provide to NASA.

KBRwyle provides long-term engineering, technical, and scientific solutions to NASA dating back to Project Gemini. We operate at 11 NASA Centers and facilities serving all 4 mission directorates. Our expertise includes human and robotic space flight, planetary and life science, satellite integration and mission operations, and ground systems and communications. At Goddard Space Flight Services (GSFC) we have supported nearly all missions to date through our current and heritage organizations. Our GSFC prime contract services include performing mission operations for on-orbit spacecraft including new mission development and testing and design and development on ground system elements. We also provide specialized science support in the areas of geodynamic, geomagnetic, geophysical, and atmospheric investigations of solar system bodies.

Describe why your company won this award.

KBRwyle is fully committed to helping GSFC and NASA achieve its small business goals and objectives. We have demonstrated this commitment in a number of significant ways. KBRwyle management represents GSFC as its large prime contractor representative to the Office of Small Business Programs (OSBP) NASA Industry Forum. We

also recently accepted the leadership role for a new initiative specifically supporting NASA's Historically Black Colleges and Universities (HBCUs) and Minority Institutions (MIs). In addition to the fall and spring forum meetings, KBRwyle attends multiple OSBP outreach events around the country each year. KBRwyle representatives fully participate in the events by serving as special topic panelists and by meeting with the Historically Black Colleges and Universities and Minority Institutions and participating in the one-on-one small business matchmaking events.

Describe your company's support of small business.

At KBRwyle, we value our relationships with our small business partners. As a prime contractor, we work to successfully incorporate small and diverse firms into our contracting activities to help maximize their expertise in support of our customers' missions. Our Small Business Liaison Officers actively engage with small and diverse firms and participate in roundtables and symposiums year-round to attract new small business partnerships. We also actively engaged in NASA OSBP outreach events and support NASA's HBCU/MI. We participate in Mentor-Protégé programs at multiple Federal Government agencies including NASA to help foster these organizations and to help ensure their success.

Describe your company's future.

KBRwyle is the rare example of successfully executed acquisitions. We bring proven expertise and uniquely connected, expanded capabilities for unlimited capacity to solve challenges. Our mission is simple: Develop and execute superior value solutions that ensure our customers' success. This starts with our people. We will deliver the best in the industry and create the most compelling and agile teams. We will leverage diversity and embrace the unique expertise it affords. We will align with our customers' strategic priorities and remain product-independent to ensure the best solution, bar none. In this capacity, and through our long-term partnership with NASA, we will help the Agency forge the future of scientific knowledge, advance space flight and exploration, and improve our understanding of Earth.

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SGT, LLC, a Business Unit of KBRwyle

Johnson Space Center



International Space Station flight controllers have this area known as Flight Control Room 1, at NASA's Johnson Space Center, Houston.

Describe your company.

SGT, LLC is a business unit of KBRwyle, a global Government services leader. KBRwyle delivers mission critical, full life cycle solutions for the defense, space, and technology markets. Our solutions help ensure mission success, improve operational capability, and drive innovation. We are known for our work on complex and large-scale projects and for working in extreme environments ranging from the most remote places on Earth to the far reaches of space. From 60 U.S. and 40 international locations, KBRwyle delivers unparalleled engineering, operations, logistics, scientific, information technology and cybersecurity expertise.

Describe what service or support you provide to NASA.

We provide long-term engineering, technical, and scientific solutions to NASA dating back to Project Gemini. We operate at 11 NASA Centers and facilities serving all 4 mission directorates. Our expertise includes human and robotic space flight, planetary and life science, satellite integration and mission operations, and ground systems and communications. At Johnson Space Center (JSC), we serve as the prime contractor on multiple contracts providing space flight operations development, preparation and execution; mission systems integrity, reliability and security; and a broad range of human space flight activities. SGT experts staff the ISS flight discipline console in Mission Control Center and support every operational aspect of NASA's current human space flight programs.

Describe why your company won this award.

We successfully incorporate small and diverse firms and maximize their expertise in our support of NASA's mission. At JSC, examples of this include the consistent, excellent performance achieved on the Integrated Mission Operations Contract (IMOC) II. The program's robust team environment features a strong communication process

that ensures all team members focus on customer goals, objectives, and priorities. We continually exceed small business subcontracting goals and leverage common processes and tools for efficient contract execution. On the recently awarded Mission Systems Operations Contract, we executed rapid integration of a new team leveraging proven approaches to quickly achieve high level technical and management performance. Significant material procurement activity was promptly required, which allowed us to successfully execute our Small Business Utilization Plan.

Describe your company's support of small business.

Our primary focus for small businesses is to treat them as a teammate and allow them full access to program processes and training to benefit their company. During the past year, a number of small business outreach events have been supported including participation as a Level 1 sponsor in the 2018 National Contract Management Association (NCMA) Small Business Conference and attendance at the JSC Small Business Council (SBC) Annual Small Business Event and the Light Manufacturing 2 Event. Our Small Business Liaison Officer reviews the roundtable capability briefs as part of maintaining our small business source list. We also received NASA approval for our proposed Mentor-Protégé Agreement with Odyssey Space Research, Inc.

Describe your company's future.

SGT was acquired by KBR in 2018. KBRwyle is the rare example of successfully executed acquisitions. We bring proven expertise and uniquely connected, expanded capabilities for unlimited capacity to solve challenges. Our mission is simple: Develop and execute superior value solutions that ensure our customers' success. This starts with our people. We will deliver the best in the industry and create the most compelling and agile teams. We will leverage diversity and embrace the unique expertise it affords. We will align with our customers' strategic priorities and remain product-independent to ensure the best solution, bar none. In this capacity, and through our long-term partnership with NASA, we will help the Agency forge the future of scientific knowledge, advance space flight and exploration, and improve our understanding of Earth.

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Aerojet Rocketdyne, Inc.

Marshall Space Flight Center



RS-25 engines on display at Stennis Space Center ready to support NASA's Space Launch System's Exploration Mission-1.

Describe your company.

Aerojet Rocketdyne is a leader in the development and manufacture of aerospace propulsion systems; precision tactical weapon systems; and armament systems, including warhead and munitions applications. Aerojet Rocketdyne is a leading provider in both the solid and liquid propulsion market areas, as well as the number one provider in the tactical segment area of solid propulsion. Aerojet Rocketdyne continues to meet emerging defense and aerospace propulsion needs and is well-positioned to benefit from the increased focus on and funding of defense and space programs.

Describe what service or support you provide to NASA.

As a merchant supplier to the Aerospace and Defense industry, we align ourselves with single prime contractors on a project-by-project basis. Under each of our contracts, we act either as a prime contractor or as a subcontractor. Relative to our support to NASA, we are the prime contractor to NASA Marshall Space Flight Center (MSFC) providing the propulsion known as RS-25 engines. Throughout FY 2018, we worked collaboratively NASA's MSFC team to further evolve the design of the RS-25 engines adapting new technologies and manufacturing techniques in an effort to drive greater affordability and push the engine's capabilities to higher levels.

Describe why your company won this award.

Four Aerojet Rocketdyne RS-25 rocket engines will provide over 2 million pounds of thrust for NASA's Space Launch System just as three Space Shuttle Main Engines (SSMEs) provided the power for all 135 Space Shuttle missions for over 30 years. Aerojet Rocketdyne has made great strides over the past few years adopting new manufacturing techniques, namely 3D printing, in an effort to drive affordability into production of its rocket engine components. In 2018, a component

on an RS-25 development engine known as the Main Combustion Chamber (MCC) was fabricated using a bonding technique called hot isostatic pressing (HIP), an innovative manufacturing process that cuts cost and fabrication cycle time in half over traditional methods employed to fabricate the Space Shuttle main engines. In the case of the RS-25 engine's MCC, where the engine's combustion occurs, this component withstands combustion temperatures exceeding 6,000 degrees Fahrenheit and pressures over 3,000 psi. The MCC was successfully hot-fired performing flawlessly during a 319 second test. Furthermore, in 2018, the largest additively manufactured rocket engine part the size of a beach ball, known as the POGO Accumulator Assembly, was successfully hot fired for its fifth time.

Describe your company's support of small business.

Aerojet Rocketdyne was honored to be the recipient of the Large Business Prime Contractor of the Year Award and the Mentor-Protégé Agreement of the Year Award. Aerojet Rocketdyne engages with Small Businesses (SB) and Historically Black Colleges and Universities/Minority Institutions (HBCU/MI) utilizing various avenues. Throughout 2018, Aerojet Rocketdyne attended all major small business events throughout the country including the Marshall Prime Contractor and Small Business Alliance. Aerojet Rocketdyne has been dedicated to maintaining Co-op Program partnerships with three Historically Black Colleges and Universities/Minority Institutions and has involved NASA Marshall team members to engage with AAMU by participating as judges during their senior design projects. Aerojet Rocketdyne recognizes that small businesses have critical skills and specialties in areas that are not found within large businesses making them unique to the Aerospace Industry.

Describe your company's future.

Today, Aerojet Rocketdyne is a billion dollar company committed to serving the Armed Forces, NASA, and commercial aerospace companies. As new challenges and exciting discoveries emerge, Aerojet Rocketdyne is poised to leverage its unique heritage, demonstrated performance, and dedication to mission success in order to strengthen the Nation's ability to defend its shores and explore the solar system.

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CSRA, now General Dynamics Information Technology (GDIT)

NASA Shared Services Center



Secure critical infrastructure and systems.

Describe your company.

GDIT solves our customers' challenges through future-focused technology and services, innovation, and mission knowledge. We deliver solutions that help civilian Government, defense, Homeland Security agencies, and the intelligence community to advance mission performance and transform operations. Technical Solutions GDIT has more than 50 years of experience delivering technical solutions. Our solutions include cloud, cyber, data and analytics, enterprise IT, and application development. Mission services include logistics and supply chain management, training, life sciences and medical research, operational medicine, professional and technical services, and specialist mission support. Our experts provide objective guidance on existing and emerging technology, as well as new business models that deliver value and innovation to keep our customers at the forefront of mission delivery.

Describe what service or support you provide to NASA.

GDIT has been supporting the NASA Shared Services Center since 2005. Critical elements pioneered on this program include the Enterprise Service Desk (ESD), which fields calls from all NASA Centers, and is the primary point of integration for I3P help desk calls; the attendant ESD Service Catalog, which provides Centers with detailed descriptions of user services available through ESD; the SATERN online training system; and the constantly updated SATERN Course Catalog, another example of service catalog developed by GDIT and available to all NASA personnel, contractors, and partners.

Describe why your company won this award.

CSRA continued to demonstrate its commitment to exceptional customer service and cost management while meeting and exceeding aggressive small business goals. Partnering with NASA, CSRA embraced the President Management Agenda Goal to shift employees

from repetitive administrative tasks to higher value activities. This shift is accomplished through a series of initiatives including Visual Basic scripting and Robotic Process Automation (RPA). RPA augments the human workforce with credentialed digital employees that are trained to perform routine tasks and is foundational to reducing costs in delivering services to NASA. Employees previously performing the automated work are trained to perform higher value tasks resulting in a career path and upward mobility for the employees and Small Business partners who recognize CSRA's commitment to the ongoing viability of their workforce and companies.

Describe your company's support of small business.

CSRA, now a General Dynamics IT (GDIT) company, supports the small business (SB) community through an extensive outreach program that includes sponsorship and participation in over 60 outreach events and professional associations such as AFCEA, TRIAD and MARC meetings, and a vibrant Mentor-Protégé program. As a long-term mentor in various Mentor-Protégé programs, including both DOD and Federal agency programs, we have gained significant experience in mentoring small businesses on an informal and a formal basis. Our Small Business Office staff frequently speak at small business events on successful teaming strategies and other topics of interest to the small business community. We often support SB primes in their pursuit of growth opportunities, and subcontracted over \$3 billion to SB for FY13–17.

Describe your company's future.

General Dynamics completed its acquisition of CSRA Inc. on April 3, 2018, creating a premier provider of high-tech IT solutions and mission services. The acquisition has advanced GDIT's capability to deliver cost-effective, future-focused IT solutions and services in technical areas such as cyber, artificial intelligence, data analytics, and cloud. The "Next" GDIT provides customers with innovative service delivery models and a deep bench of technical talent. The company has also developed new technology Centers of Excellence and has an expanded its partner program with companies such as Amazon, Microsoft, and Google. GDIT is positioned to continue to deliver mission-critical innovation for our customers.

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FY 2018 CENTER-LEVEL WINNERS
MENTOR-PROTÉGÉ
AGREEMENTS OF THE YEAR

Jacobs Technology, Inc. (Mentor)

Johnson Space Center

JACOBS®



Chamber A upgrade for testing of the James Webb Space Telescope (JWST). Jacobs was an integral player for the upgrade, design, development, fabrication, installation, and testing work in Chamber A to enable thermal/vacuum testing of the JWST.

Describe your company.

Jacobs provides a full range of advanced technology services and are known for our commitment to excellence and our outstanding achievements in quality, performance, and safety. With a focus on long-term, ongoing client relationships, many of our clients retain our services across multiple contracts, resulting in successful partnerships over many years. Over the last 50 years, Jacobs has designed and tested space exploration systems from Mercury to the Space Launch System and Orion Multi-Purpose Crew Vehicle (MPCV), often with the help of a team of small businesses. At the Johnson Space Center (JSC), Jacobs is partnering with our NASA customer to support the next-generation space exploration vision through the JSC engineering, technology, and science (JETS) contract.

Describe what service or support you provide to NASA.

Since 2005 Jacobs has provided engineering, technical, and scientific services to JSC. Our team supports highly visible NASA programs and projects, including the James Webb Space Telescope, International Space Station, Orion MPCV, and commercial cargo and crew support services programs. We provide capabilities in guidance, navigation, and control; avionics systems; structures and materials; thermal protection and control; mechanical systems; propulsion, fluid management, and pyrotechnics; environmental control and life support; aerodynamics and aerothermodynamics; flight software; mission planning and analysis; and overall systems engineering, simulation, and integration. We also support planetary mission research, physical science research, and astromaterial curation.

Describe why your company won this award.

At JSC, we have been commended for our participation in the Mentor-Protégé Program, including our mentorship of HX5, LLC and completed mentorship of Aerodyne Industries, LLC. We provide HX5, an 8(a) Disadvantaged, Women-Owned, and Service-Disabled Veteran-Owned small business, mentorship in project management, systems engineering, quality, safety, mission assurance, business development, and business management. Over the course of this mentorship, HX5 has seen their role on JETS grow by more than 137%. Regarding our HX5 Mentor-Protégé Agreement, our customer noted that “it was the best agreement that they have seen.”

Describe your company's support of small business.

Jacobs understands the importance of effectively engaging small businesses in the execution of our mission supporting NASA. Through our innovative teaming relationships, we foster our small business partners' participation in the technical areas of our contracts, which serves to develop their capabilities. We have received multiple awards for engagement of small businesses on our JETS contract. In 2016 we received the JSC Prime Contractor Small Business Advocate of the Year and the Houston Minority Supplier Development Council Prime Supplier of the Year. We received the JSC Mentor-Protégé Agreement of the Year in 2016 and 2017. In addition, we partner with the National Contract Management Association and the Women's Business Enterprise Alliance to mentor small businesses on the processes to secure contracts with NASA and prime contractors.

Describe your company's future.

We will continue to provide superior technical and professional services to NASA Johnson Space Center (JSC) and share future contract growth opportunities with our small business partners. Other small businesses that demonstrate strong technical and cost performance will be considered for opportunities in the future. We are committed to supporting NASA and JSC through continued operation of the ISS and the development of the next generation of exploration systems for the journey to Mars.

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HX5 (Protégé)

Johnson Space Center



Orion capsule.

Describe your company.

HX5 was founded in 2004 and specializes in Space and Defense Mission Support Services, providing research and development, engineering, and technical services to meet the operational needs of Federal Government organizations. HX5 provides a spectrum of professionals, who are educated, experienced, trained, and cleared to work at the highest levels necessary to support HX5's customers' operations and who are dedicated to our customers' missions. HX5 has been entrusted by its Government customers and industry partners to provide exceptional, high-quality professional services in the fields of Software/Hardware (SW/HW) engineering, IT, R&D and test, missions operations, program management, and logistics. HX5 is a Service-Disabled Veteran-Owned, Minority Women-Owned Small Business, with over 600+ employees across 30+ States at more than 90 locations.

Describe what service or support you provide to NASA.

HX5 personnel support NASA across multiple areas within the science and engineering disciplines. HX5 employees support engineering design, technology development, analysis, and test services for space systems. HX5 also supports sensor, docking system, and exercise countermeasure system concept definition and development and mission architecture definition, design, and planning; robotics science and engineering Research and Development (R&D); IT, including cybersecurity; hypervelocity impact technology and risk assessment; planetary exploration, curation, and mission development supporting Earth study; orbital debris monitoring and modeling; and facility and laboratory support. Throughout 2018, multiple HX5 employees who support the areas identified above have been formally recognized for their specific efforts and contributions to NASA's mission.

Describe why your company won this award.

Over the past year, HX5 has demonstrated excellent progress in increasing our ability to perform on NASA contracts, while at the same time experiencing tangible growth as a result of being in the mentorship program with JACOBS. In so doing, HX5 and JACOBS have formed a very strong relationship that encompasses key aspects of each company's business. As the winners of the JSC Mentor-Protégé Agreement of the Year, the two companies together (JACOBS and HX5) represent an outstanding example of a NASA Small Business Mentorship Program; the success of which should serve as an excellent model for future NASA Small Business Administration mentorships.

Describe your company's support of small business.

As a small business itself, HX5 believes strongly in the value and skill sets that small businesses bring to the table, and as such, HX5 actively and regularly engages with other small businesses by working together where such collaborations serve to bring added value to the support we are able to provide our customers.

Describe your company's future.

HX5 plans to continue its growth and expansion into new areas of performance within NASA and the Department of Defense by doing what it has always done, which is to ensure that we continue to provide the highest quality services possible to our Government customers and industry partners in the most cost-effective and timely manner possible.

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Aerojet Rocketdyne, Inc. (Mentor)

Marshall Space Flight Center



RS-25 Engine in the test stand at Stennis Space Center.

Describe your company.

Aerojet Rocketdyne is a leader in the development and manufacture of aerospace propulsion systems; precision tactical weapon systems; and armament systems, including warhead and munitions applications. Aerojet Rocketdyne is a leading provider in both the solid and liquid propulsion market areas, as well as the number one provider in the tactical segment area of solid propulsion. Long recognized as a developer of new technology, Aerojet Rocketdyne continues to meet emerging defense and aerospace propulsion needs and is well-positioned to benefit from the increased focus on and funding of defense and space programs.

Describe what service or support you provide to NASA.

As a merchant supplier to the aerospace and defense industry, we align ourselves with single prime contractors on a project-by-project basis. With a strong reputation for engineering excellence in highly differentiated and critically important technical niches, Aerojet Rocketdyne has established coveted positions with the leading customers in segments served. Relative to our support to NASA, we are the prime contractor to NASA Marshall Space Flight Center (MSFC) providing the propulsion known as RS-25 engines. Throughout FY 2018, we worked collaboratively with NASA's MSFC team to further evolve the design of the RS-25 engines adapting new technologies and manufacturing techniques in an effort to drive greater affordability and push the engine's capabilities to higher levels.

Describe why your company won this award.

Four Aerojet Rocketdyne RS-25 rocket engines will provide over 2 million pounds of thrust for NASA's Space Launch System just as three Space Shuttle Main Engines (SSMEs) provided the power for all 135 Space Shuttle missions for over 30 years. Aerojet Rocketdyne has

made great strides over the past few years adopting new manufacturing techniques, namely 3D printing, in an effort to drive affordability into production of its rocket engine components. In 2018, a component on an RS-25 development engine known as the Main Combustion Chamber (MCC) was fabricated using a bonding technique called hot isostatic pressing (HIP). Furthermore, in 2018, the largest additively manufactured rocket engine part the size of a beach ball, known as the POGO Accumulator Assembly, was successfully hot fired for its fifth time. Aerojet Rocketdyne further exhibited its commitment to innovation by officially launching a new 136,000-square-foot advanced manufacturing facility in Huntsville, Alabama, in 2017.

Describe your company's support of small business.

Aerojet Rocketdyne was honored to be the recipient of the Large Business Prime Contractor of the Year Award and the Mentor-Protégé Agreement of the Year Award. Aerojet Rocketdyne engages with Small Businesses (SB) and Historically Black Colleges and Universities/Minority Institutions (HBCU/MI) utilizing various avenues. Throughout 2018, Aerojet Rocketdyne attended all major small business events throughout the country including the Marshall Prime Contractor and Small Business Alliance Meetings. Aerojet Rocketdyne increased its utilization of small businesses throughout 2018 sourcing critical path and/or highly complex requirements. Aerojet Rocketdyne further supported the Small Business community by establishing a three year Mentor-Protégé Agreement with ICO RALLY, a Women-Owned Historically Underutilized Small Business located in Palo Alto, California.

Describe your company's future.

Today, Aerojet Rocketdyne is a billion dollar company committed to serving the Armed Forces, NASA, and commercial aerospace companies. As new challenges and exciting discoveries emerge, Aerojet Rocketdyne is poised to leverage its unique heritage, demonstrated performance, and dedication to mission success in order to strengthen the Nation's ability to defend its shores and explore the solar system.

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ICO RALLY (Protégé)

Marshall Space Flight Center



Engine No. 2059, the first SLS flight engine to be tested, is lifted into the A-1 test stand at Stennis Space Center.

Describe your company.

ICO RALLY was founded in 1950 as a supplier of electrical and electronic materials and components, with many products manufactured to custom specifications. In 2010, ICO RALLY began investigating potential markets underserved in the space, aerospace, and defense sectors. The result was a category of products and services branded “S3,” referring to Specialty and Security-Sensitive Products. Government agencies, specifically NASA and MDA, as well as prime contractors involved in programs requiring highest-reliability products and classified support services are the focus of S3’s vision. ICO RALLY’s S3 program provides precision cable, harness, and electro-mechanical assembly and electrical, electronic, and electromechanical (EEE) parts management.

Describe what service or support you provide to NASA.

ICO RALLY manufactures custom interconnect solutions able to withstand the stresses of launch and the harsh space environment in launch engines, rovers, thrusters, satellites, space-based robotics, and crewed and uncrewed flight vehicles. We manufacture test and flight-fidelity cable and harness assemblies for Aerojet Rocketdyne’s Space Launch System (SLS) RS-25 core stage main engines. We also coordinate testing, material sourcing, and supply chain management of the electronic components for use on the upgraded RS-25 ECU (Engine Control Unit). ICO RALLY is involved in a full spectrum of space environments from propulsion to robotic on-orbit and geostationary satellite repair in the most challenging environments—when failure is not an option.

Describe why your company won this award.

On October 6, 2015, MSFC approved a 36-month Mentor-Protégé Agreement between ICO RALLY and Aerojet Rocketdyne to further the development of ICO RALLY S3. Under this program, ICO RALLY has enhanced their cable and harness assembly processes and facility security. ICO RALLY opened a new, fully secured 40,000 square-foot facility in Q1 of FY 2016. Highlights of our new facility include electrostatic discharge (ESD)-compliant EEE (Electrical, Electronic, and Electromechanical) parts storage and assembly areas and high-security surveillance systems. As a result of our involvement in SLS, additional Government prime contractors have expressed an interest in learning how ICO RALLY S3 can support their specific program requirements.

Describe your company’s support of small business.

Through continued growth under the Federal HUBZone Program, ICO RALLY is dedicated to supporting socioeconomically disadvantaged areas through employment and skill-training opportunities. In addition, ICO RALLY is pledged to sponsor a GLAD-EDD (Greater Los Angeles Agency on Deafness) placement and NASA Standards technical training program for talented hard of hearing individuals and recent graduates of the California School for the Deaf.

Describe your company’s future.

ICO RALLY actively manufactures specialized cable, harness, and electromechanical assemblies for multiple defense and space exploration programs. Additionally, we are being introduced into programs that require classified clearance for facilities and personnel. We are committed to the advancement of our S3 Specialty and Security-Sensitive Division through continued specialization and vertical expansion of our in-house manufacturing capabilities. We will continue to provide the “highest reliability” mission critical electronic components, assemblies, and support services to the international space community to support the project from the design, integration, assembly, and testing stages through end-of-life obsolescence. Our ICO RALLY S3 vision—the Gold Standard of Supplier Excellence.

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FY 2017–2008
SBIA WINNERS

FY 2017

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR

SM Construction, Inc.	ARC
Logical Innovations, Inc.	AFRC
Peerless Technologies Corporation	GRC
Omitron, Inc.	GSFC
Sure Secure Solutions, LLC	HQ
Made In Space, Inc.	JSC
Integrated Mission Support Services, LLC	KSC
Midland GSS JV	LaRC
Victory Solutions, Inc.	MSFC
Sure Secure Solutions, LLC	NSSC
SaiTech, Inc.	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR

Intrinsyx Technologies Corporation	ARC
ClancyJG International	AFRC
Telophase Corporation	GSFC
San Diego Composites, Inc.	JSC
Aerodyne Industries, LLC	KSC
Metis Technology Solutions, Inc.	LaRC
Genex Systems, LLC	MSFC
Ignite Fueling Innovation, Inc.	NSSC
Manufacturing Technical Solutions, Inc.	SSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR

AECOM Technical Services, Inc.	ARC
Jacobs Technology, Inc.	AFRC
Sierra Lobo, Inc.	GSFC
Hensel Phelps Construction Company	JSC
Jacobs Technology, Inc.	KSC
Science Applications International Corp.	LaRC
Jacobs Technology, Inc.	MSFC
Science Applications International Corp.	NSSC

MENTOR-PROTÉGÉ AGREEMENTS OF THE YEAR

Stinger Ghaffarian Technologies, Inc. (M) and MORI Associates, Inc. (P)	ARC
Raytheon Company (M) and Element 84, Inc. (P)	GSFC
Jacobs Technology, Inc. (M) and Genex Systems, LLC (P)	LaRC
URS Federal Services, Inc., an AECOM Company (M) and Seabrook Solutions, LLC (P)	MSFC
Science Applications International Corp. (M) and Ignite Fueling Innovation, Inc. (P)	NSSC

» Agency-level winners are highlighted

FY 2016

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR

DEI Construction, Inc.	ARC
Logical Innovations, Inc.	AFRC
Summit Technologies & Solutions, Inc.	GRC
Sure Secure Solutions, LLC	GSFC
NanoRacks, LLC	JSC
Abacus Technology Corp.	KSC
Cornell Technical Services, LLC	LaRC
Cepeda Systems & Software Analysis, Inc.	MSFC
Four, Inc.	NSSC
A2 Research, JV	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR

Metis Technology Solutions, Inc.	ARC
Solution One Industries, Ltd.	AFRC
Navteca, LLC	GSFC
Atec, Inc.	JSC
Met-Con, Inc.	KSC
Linc Research, Inc.	MSFC
Pearl River Technologies, LLC	NSSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR

AECOM Technical Services, Inc.	ARC
Jacobs Technology, Inc.	AFRC
Aerojet Rocketdyne, Inc.	GRC
Parsons	GSFC
Jacobs Technology, Inc.	JSC
Jacobs Technology, Inc.	KSC
Jacobs Technology, Inc.	MSFC
Science Applications International Corp.	NSSC

MENTOR-PROTÉGÉ AGREEMENTS OF THE YEAR

AECOM Technical Services, Inc. (M) and AE3 Partners, Inc. (P)	ARC
Parsons (M) and EBA Engineering, Inc. (P)	GSFC
Jacobs Technology, Inc. (M) and HX5, LLC (P)	JSC
Teledyne Brown Engineering, Inc. (M) and University of Nevada, Las Vegas (P)	MSFC

FY 2015

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR	
Monterey Technologies, Inc.	ARC
ASRC Federal InuTeq, LLC	AFRC
Science Engineering Associates	GRC
LTJ & Associates, Inc.	GSFC
Malin Space Science Systems, Inc.	JPL
Logical Innovations, Inc.	JSC
Chenega Security & Support Solutions, CS3, LLC	KSC
Brandan Enterprises, Inc.	LaRC
Dynetics Technical Services, Inc.	MSFC
Healthcon, Inc.	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR	
AerospaceComputing, Inc.	ARC
Arcata Associates, Inc.	AFRC
MSM Group, Inc.	GRC
Adcole Corporation	GSFC
Bastion Technologies, Inc.	JSC
Olsen Associates, Inc.	KSC
Willbrook Solutions, Inc.	MSFC
Mobomo, LLC	NSSC
Global Contracting, LLC	SSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR	
Jacobs Technology, Inc.	AFRC
Parsons	GSFC
Exelis, Inc. (subsidiary of Harris Corporation)	JPL
Raytheon Company	JSC
Jacobs Technology, Inc.	KSC
Teledyne Brown Engineering, Inc.	MSFC
Jet Propulsion Laboratory (JPL)	NMO
Lockheed Martin Corporation	SSC

MENTOR-PROTÉGÉ AGREEMENTS OF THE YEAR	
Honeywell Technology Solutions, Inc. (M) and Advocates in Manpower Management (AIMM), Inc. (P)	GSFC
Hamilton Sundstrand Space Systems International (M) and MRI Technologies (P)	JSC
Teledyne Brown Engineering, Inc. (M) and MartinFederal Consulting, LLC (P)	MSFC

FY 2014

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR	
Media Fusion, Inc.	AFRC
Deltha-Critique NSS Joint Venture	ARC
Vantage Partners, LLC	GRC
Science Systems and Applications, Inc.	GSFC
Dynamic Systems, Inc.	JPL
TISTA Science and Technology Corporation	JSC
a.i. solutions, Inc.	KSC
NorthWest Research Associates, Inc.	LaRC
COLSA Corporation	MSFC
A2 Research, Joint Venture	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR	
ClancyJG International	AFRC
ELORET Corporation	ARC
INNOVIM, LLC	GSFC
Rayotek Scientific, Inc.	JSC
Craig Technologies	KSC
Advanced Aerospace Solutions, LLC	LaRC
Aerodyne Industries, LLC	MSFC
MindPoint Group, LLC	NSSC
Technological Services Company	SSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR	
Jacobs Technology, Inc.	AFRC
Booz Allen Hamilton, Inc.	ARC
Leidos, Inc.	GRC
Raytheon Technical Services Company, LLC	GSFC
ManTech SRS Technologies, Inc.	JPL
Lockheed Martin Space Systems Company	JSC
InoMedic Health Applications, Inc.	KSC
Engility Corporation	LaRC
Jacobs Technology, Inc.	MSFC
Science Applications International Corporation	NSSC
Harry Pepper & Associates, Inc., an EMCOR Company	SSC

FY 2013

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR	
Arcata Associates, Inc.	AFRC*
Logyx, LLC	ARC
DB Consulting Group, Inc.	GRC
Bandwidth Solutions, Inc.	GSFC
Valador, Inc.	HQ
John T. Chan Architects, Inc.	JPL
Tejas Office Products, Inc.	JSC
Abacus Technology Corporation	KSC
Science Systems and Applications, Inc.	LaRC
Dynetics Technical Services, Inc.	MSFC
Brandan Enterprises, Inc.	NSSC
Healtheon, Inc.	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR	
INQU, LLC	AFRC
Quality Assurance & Risk Management Services, Inc.	GRC
Rincon Research Corporation	GSFC
Houston Precision Fasteners	JSC
Yang Enterprises, Inc.	KSC
Analytical Services & Materials, Inc.	LaRC
Plasma Processes, LLC	MSFC
Craig Technologies	NSSC
CORE Governmental Services, LLC	SSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR	
Jacobs Technology, Inc.	AFRC
Stinger Ghaffarian Technologies, Inc.	ARC
Honeywell Technology Solutions, Inc.	GRC
TRAX International	GSFC
Lockheed Martin Corporation	JPL
Wyle	JSC
URS Federal Services, Inc.	KSC
Jacobs Technology, Inc.	LaRC
Teledyne Brown Engineering, Inc.	MSFC
Jacobs Technology, Inc.	SSC

FY 2012

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR	
Kay and Associates, Inc.	AFRC*
Sunpower, Inc.	GRC
LJT & Associates, Inc.	GSFC
Honeybee Robotics Spacecraft Mechanisms Corporation	JPL
GeoControl Systems, Inc.	JSC
Millennium Engineering and Integration Company	KSC
Safety & Quality Assurance Alliance	LaRC
Bastion Technologies, Inc.	MSFC
A2 Research	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR	
Modern Technology Solutions, Inc.	AFRC
Bay Systems Consulting, Inc.	ARC
Tri Models, Inc.	GRC
Edge Space Systems, Inc.	GSFC
SEAKR Engineering, Inc.	JSC
CSS-Dynamac Corporation	KSC
Sierra Lobo, Inc.	LaRC
Bangham Engineering, Inc.	MSFC
Tri Star Engineering, Inc.	NSSC
GHG Corporation	SSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR	
Jacobs TYBRIN Group	AFRC
Ball Aerospace & Technologies Corporation	ARC
Jacobs Technology, Inc.	GRC
Honeywell Technology Solutions, Inc.	GSFC
EMCOR Government Services, Inc.	JPL
Lockheed Martin Corporation	JSC
The Boeing Company	KSC
Pratt & Whitney Rocketdyne, Inc.	MSFC
CSC	NSSC
Lockheed Martin Corporation	SSC

» Agency-level winners are highlighted.

* Prior to 2014, Armstrong Flight Research Center was called Dryden Flight Research Center.

FY 2011

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR	
Arcata Associates, Inc.	AFRC*
Logyx, LLC	ARC
Sierra Lobo, Inc.	GRC
Genesis Engineering Solutions, Inc.	GSFC
MORI Associates, Inc.	HQ
The Terraza Design Group, Inc.	JPL
DB Consulting Group, Inc.	JSC
Abacus Technology Corporation	KSC
Analytical Mechanics Associates, Inc.	LaRC
Aetos Systems, Inc.	MSFC
Paragon Business Solutions, Inc.	NSSC
Patriot Technologies, LLC	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR	
Dennis Heathcock Consulting	AFRC
Systems Electric	ARC
ZIN Technologies, Inc.	GRC
Odyssey Space Research, LLC	JSC
All Points Logistics, Inc.	KSC
Lansmont Corporation	MSFC
SaiTech, Inc.	NSSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR	
Jacobs Technology, Inc./TYBRIN	AFRC
AECOM Technical Services, Inc.	ARC
Aerojet-General Corporation	GRC
The Raytheon Company	JPL
United Space Alliance	JSC
Science Applications International Corporation	MSFC
Jacobs/Facility Operating Services Contract	SSC

FY 2010

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR	
Arcata Associates, Inc.	AFRC*
Dynamac Corporation, Inc.	ARC
Mainthia Technologies, Inc.	GRC
a.i. solutions, Inc.	GSFC
Media Fusion, Inc.	GSFC/HQ
Akima Infrastructure Services, LLC	JSC
ReDe/Critique, Joint Venture	KSC
Analytical Mechanics Associates, Inc.	LaRC
COLSA Corporation	MSFC
Patriot Technologies, LLC	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR	
ARES Corporation	AFRC
Asani Solutions, LLC	ARC
ZIN Technologies, Inc.	GRC
ATA Engineering, Inc.	JPL
Fiber Materials, Inc.	JSC
MIL-CON Electric Company	KSC
ViGYAN, Inc.	LaRC
Southern California Braiding Company, Inc.	MSFC
AI Signal Research, Inc.	NSSC
Comprehensive Occupational Resources, LLC	SSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR	
Jacobs Technology/TYBRIN	AFRC
Stinger Ghaffarian Technologies, Inc.	ARC
Universities Space Research Association	GRC
ITT Systems, Inc.	JPL
The Boeing Company (JSC)	JSC
The Boeing Company (KSC)	KSC
Jacobs Technology, Inc.	LaRC
Pratt & Whitney Rocketdyne, Inc.	MSFC
Jacobs Engineering Group, Inc.	SSC

FY 2009

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR

TYBRIN Corporation	AFRC*
Tessada & Associates, Inc.	ARC
Sierra Lobo, Inc.	GRC
Rodriguez Precision Optics, Inc.	GSFC
ProDyn/EPES, LLC	JSC
Abacus Technology Corporation	KSC
Science Systems and Applications, Inc. (SSAI)	LaRC
SEI Group, Inc.	MSFC
Applied Geo Technologies	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR

MSM Group, Inc.	GRC
Columbus Technologies & Services, Inc.	JPL
Deep Space Systems, Inc.	JSC
Creative Management Technology	KSC
Compass Contracting, Inc.	LaRC
Orion Propulsion, Inc.	MSFC
ASRC Management Services	NSSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR

Jacobs Technology, Inc.	ARC
Computer Sciences Corporation	JPL
United Space Alliance, LLC	JSC
Analex Corporation	KSC
ATK Launch Systems	MSFC
Computer Sciences Corporation	SSC

FY 2008

SMALL BUSINESS PRIME CONTRACTORS OF THE YEAR

Arcata Associates, Inc.	AFRC*
Integrated Science Solutions, Inc.	ARC
Efficient Enterprise Engineering, Inc. (Ex3)	GRC
SP Systems, Inc.	GSFC
Tessada & Associates, Inc.	JSC
ASRC Aerospace Corporation	KSC
Science and Technology Corporation	LaRC
COLSA Corporation	MSFC
Applied Geo Technologies	SSC

SMALL BUSINESS SUBCONTRACTORS OF THE YEAR

Intrinsyx Technologies Corporation	ARC
N & R Engineering and Management Services, Inc.	GRC
Santa Barbara Applied Research, Inc.	JPL
JES Tech	JSC
Yang Enterprises, Inc.	KSC
Genex Systems, LLC	LaRC
Votaw Precision Technologies	MSFC
Arcata Associates, Inc.	NSSC
SaiTech, Inc.	SSC

LARGE BUSINESS PRIME CONTRACTORS OF THE YEAR

Science Applications International Corporation	AFRC
Raytheon Company	ARC
ITT Corporation	JPL
Lockheed Martin Services, Inc.	JSC
Boeing Space Operations Company	KSC
Unisys Corporation	LaRC
The Boeing Company	MSFC

» Agency-level winners are highlighted.

* Prior to 2014, Armstrong Flight Research Center was called Dryden Flight Research Center.



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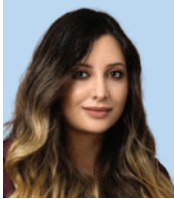
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